

September 15, 2021

Ref: 73170,00

VIA EMAIL <u>kbuckland@wareham.ma.us</u>
AND FIRST CLASS MAIL

Town of Wareham Planning Board C/0 Kenneth Buckland, Town Planner 54 Marion Road Wareham, MA 02571

Re:

Reign Car Wash, 3005-3013 Cranberry Highway

Dear Mr. Buckland:

Below are responses to comments made by Mr. James Brandolini Jr, Captain Fire Prevention, in a letter dated August 6, 2021. Comments are reiterated below with VHB responses following in italics.

General Comments

Comment 1.

The Fire Access Plan C6.01, swept path analysis, shows the emergency vehicle needing to use the left lane of Cranberry Highway to gain access through this entrance. The Layout & Materials Plan C2.01, shows the width of the entrance and the exit to be 18 feet each with an entrance inside turning radius of 15 feet. 527 CMR 1.00, Chapter 18, Section 18.2.3.4.3.1 states "The minimum inside turning radius of a fire department access road shall be 25 feet. This entrance does not meet the minimum requirement.

Response:

VHB will adjust the inside turning radius to 25' helping to keep the emergency vehicle in the right lane. Ultimately the configuration of the driveway opening is subject to approval by the MassDot District office and if they require any material changes to the curb geometry we will circle back and review with you.

Comment 2.

What is the height of the canopy? 527 CMR 1.00, Chapter 18, Section 18.2.3.4.1.2 states, "Fire department access roads shall have an unobstructed vertical clearance of not less than 13 feet 6 inches".

Response:

The height of the canopy is 9'5". Based on 527 CMR 1.00, Chapter 18 and NFPA 1 section 18.2.3.2.2, the fire access road does not need to extend below the canopy. As shown on plan sheet C6.01, all portions of an exterior wall of the building are located within 150' from the fire department access road.

Comment 3.

A fire department Knox Box shall be provided for keys.

Response:

A Knox Box will be provided. Architect and/or Owner will coordinate the location with your office in due course.

Comment 4.

A list of chemicals to be stored on site and corresponding Safety Data Sheets shall be provided.

Response:

Stored chemical Safety Data Sheets are attached hereto as Exhibit A.



Should you have any questions regarding this matter, please do not hesitate to contact me.

Sincerely,

VHB

Karen M. Crawford Senior Project Designer

cc: First Hartford Realty Corporation (via email only)

Douglas A. Troyer (via email only)

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Safety Data Sheet

Issue Date: 08-Aug-2014

Revision Date: 25-Aug-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name

BLACK DIAMOND HG

Other means of identification

SDS#

DSI-079

Product Code

5372, 5375, 53715, 53730, 53755

Recommended use of the chemical and restrictions on use

Recommended Use

Silicone emulsion used to shine and protect tires, vinyl and plastic moldings.

Details of the supplier of the safety data sheet

Supplier Address
Diamond Shine, Inc
1340 E. 289th St
Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number Emergency Telephone (24 hr) 800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance White viscous liquid

Physical State Liquid

Odor No appreciable odor

Classification

Skin sensitization

Category 1

Signal Word Danger

Hazard Statements

May cause an allergic skin reaction



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing should not be allowed out of the workplace Wear protective gloves DSI-079 - BLACK DIAMOND HG Revision Date: 25-Aug-2014

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water

Wash contaminated clothing before reuse

If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Polydimethylsiloxane	63148-62-9	15-25
Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine	4719-04-4	> 0.1

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

Get medical advice/attention.

Skin Contact Wash affected areas thoroughly with soap and water for at least 15 minutes. If skin irritation

or rash occurs: Get medical advice/attention.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Artificial respiration and/or oxygen may be necessary. Get medical attention if

necessary.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms May cause eye, skin and respiratory tract irritation. Nausea. The product contains a small

amount of sensitizing substance which may provoke an allergic reaction among sensitive

individuals in contact with skin.

Indication of any immediate medical attention and special treatment needed

Notes to Physician May be irritating to skin in some sensitive individuals, especially after prolonged and/or

repeated contact.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

The product is not expected to present any fire or explosion hazards under prescribed use conditions.

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DSI-079 - BLACK DIAMOND HG

Revision Date: 25-Aug-2014

Hazardous Combustion Products Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS. See

Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an

absorbent material.

Methods for Clean-Up Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Follow all

product label instructions. Use only as directed. Do not breathe

dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wash face, hands and any exposed skin thoroughly after handling. Do not

eat, drink or smoke when handling this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

This product, as supplied, does not contain any hazardous materials with occupational Exposure Guidelines

exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Eyewash stations. Showers. Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Goggles are recommended.

Skin and Body Protection Wear suitable protective clothing to prevent contact with skin.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation

wear respiratory protection.

Revision Date: 25-Aug-2014

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Liquid White White

Appearance

White viscous liquid

Odor Odor Threshold

Remarks • Method

No appreciable odor

Color

Property

Values 9.00-11.00 Not determined

pH Melting Point/Freezing Point

Not determined

Boiling Point/Boiling Range

> 100 °C / > 212 °F

Flash Point
Evaporation Rate
Flammability (Solid

Not applicable Not available Liquid-not applicable

Flammability (Solid, Gas) Upper Flammability Limits Lower Flammability Limit Vapor Pressure

Not applicable Not applicable Not available

Vapor Density Specific Gravity Not available 1.010

(1=Water)

Water Solubility
Solubility in other solvents
Partition Coefficient

Partition Coefficient
Auto-ignition Temperature
Decomposition Temperature
Kinematic Viscosity
Dynamic Viscosity
Explosive Properties

Completely soluble
Not determined
Not determined
Not determined
Not determined
Not determined
1200-1600 cSt
Not determined
Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Oxidizing Properties

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

Revision Date: 25-Aug-2014

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes.

Skin Contact

May cause an allergic skin reaction. Avoid contact with skin.

Inhalation

Avoid breathing vapors or mists.

Ingestion

Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Polydimethylsiloxane	> 17 g/kg (Rat)	> 2 g/kg (Rabbit)	
63148-62-9			
Hexahydro-1,3,5-tris(2-hydroxyethyl	= 763 mg/kg (Rat)	> 2 g/kg (Rat)	-
)-S-triazine		, ,	
4719-04-4			

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

May cause an allergic skin reaction.

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Hexahydro-1,3,5-tris(2-hydro xyethyl)-S-triazine			EC50 = 28.9 mg/L 15 min	
4719-04-4				1,50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

DSI-079 - BLACK DIAMOND HG Revision Date: 25-Aug-2014

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

DSI-079 - BLACK DIAMOND HG

Revision Date: 25-Aug-2014

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

NFPA HMIS

Health Hazards Not determined

Health Hazards

0

Flammability Not determined **Flammability**

Instability Not determined **Physical Hazards**

Special Hazards Not determined **Personal Protection** Not determined

Issue Date:

Revision Date:

08-Aug-2014 25-Aug-2014 New format

Revision Note:

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

State of the state

Safety Data Sheet

Issue Date: 12-Jun-2020

Revision Date: 12-Jun-2020

Version 1

1. IDENTIFICATION

Product identifier

Product Name

Ceramic Rain Repel

Other means of identification

SDS#

DSI-120

Product Code

92515, BE925

Recommended use of the chemical and restrictions on use

Recommended Use

For industrial use.

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency telephone number

Company Phone Number Emergency Telephone 800-843-7627

· INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear, colorless liquid

Physical state Liquid

Odor Mild solvent

Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Vapors)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 1

Signal Word

Danger

Hazard statements

Harmful if swallowed
Harmful if inhaled
Causes skin irritation
Causes serious eye damage
Causes damage to organs



DSI-120 - Ceramic Rain Repel Revision Date: 12-Jun-2020

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

Wear protective gloves/protective clothing/eye protection/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a poison center or doctor/physician

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash before reuse

If skin irritation occurs: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a poison center or doctor/physician if you feel unwell

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
2-Butoxyethanol	111-76-2	15-20
Silicone emulsion	PROPRIETARY	5-10

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

Description of first aid measures

General Advice IF exposed: Call a POISON CENTER or doctor/physician.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

Skin Contact Wash with plenty of soap and water. Take off contaminated clothing and wash it before

reuse. If skin irritation occurs: Get medical advice/attention.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a

poison center or doctor/physician if you feel unwell.

Ingestion Call a poison center or doctor/physician if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms May be harmful in contact with skin. Harmful if swallowed. Harmful if inhaled. Causes skin

irritation. Causes serious eye damage. Causes damage to organs.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Revision Date: 12-Jun-2020

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental precautions

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Conditions for safe storage, including any incompatibilities

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray.

Storage Conditions

Store locked up.

Incompatible Materials

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol	TWA: 20 ppm	TWA: 50 ppm	IDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³	TWA: 5 ppm
		(vacated) TWA: 25 ppm	TWA: 24 mg/m ³
		(vacated) TWA: 120 mg/m ³	· · · · · · · · · · · · · · · · · · ·
		(vacated) S*	ann i magan
		` s*´	

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection

Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Liguid

Appearance Color

Clear, colorless liquid

Colorless

Odor **Odor Threshold**

Remarks • Method

Mild solvent Not determined

Property

Values ... 6.0-8.0

Melting point / freezing point

Not determined Boiling point / boiling range Not determined Not determined Flash point

Evaporation Rate Flammability (Solid, Gas) Not determined Liquid-Not applicable

Flammability Limit in Air

Upper flammability or explosive

Not determined

limits

Lower flammability or explosive

Not determined

limits

Vapor Pressure Not determined Vapor Density Not determined **Relative Density** 0.980 Water Solubility Not determined

Solubility in other solvents Not determined **Partition Coefficient** Not determined Autoignition temperature Not determined Not determined Decomposition temperature Kinematic viscosity 5-15 cSt **Dynamic Viscosity** Not determined Not determined **Explosive Properties** Not determined **Oxidizing Properties**

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

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Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Revision Date: 12-Jun-2020

Information on likely routes of exposure

Product Information

Eve Contact

Avoid contact with eyes.

Skin Contact

May be harmful in contact with skin.

Inhalation

Harmful if inhaled.

Ingestion

Harmful if swallowed.

Component Information

Chemical name	Orai LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 486 ppm (Rat) 4 h = 450 ppm (
111-76-2			Rat)4h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye

irritation

Causes serious eye damage.

Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC NTP	OSHA
2-Butoxyethanol	A3	Group 3	
111-76-2			

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

Carcinogenicity

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

STOT - single exposure

Causes damage to organs.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50

Gas

1,198.50 mg/kg

Dermal LD50

2,805.00 mg/kg

ATEmix (inhalation-dust/mist)

63,750.00 mg/L

3.82 mg/L

ATEmix (inhalation-vapor)

10.86 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
2-Butoxyethanol		2950: 96 h Lepomis macrochirus	1000: 48 h Daphnia magna mg/L
111-76-2		mg/L LC50 1490: 96 h Lepomis	EC50 1698 - 1940: 24 h Daphnia
		macrochirus mg/L LC50 static	magna mg/L EC50
Lauramine oxide		134: 96 h Danio rerio mg/L LC50	
1643-20-5		semi-static	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
2-Butoxyethanol	0.81
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

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15. REGULATORY INFORMATION

Revision Date: 12-Jun-2020

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
2-Butoxyethanol	X	ACTIVE	Х	X	X	Х	X	Х	Х
Lauramine oxide	Х	ACTIVE	Х	X	X	×	Х	X	Х

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	111-76-2	15-20	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol	X	X	X
111-76-2			

16. OTHER INFORMATION

NFPA HMIS **Health Hazards**

Not determined

Not determined Health Hazards Flammability
Not determined
Flammability
Not determined

Instability
Not determined
Physical hazards
Not determined

Special Hazards
Not determined
Personal Protection
Not determined

Issue Date:

12-Jun-2020 12-Jun-2020

Revision Date: Revision Note:

New format

Disclaimer

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End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 29-Aug-2019

Revision Date: 30-Aug-2019

Version 1

1. IDENTIFICATION

Product identifier

Product Name

Ceramic X3 Drying Agent (Step 3)

Other means of identification

SDS#

Recommended use of the chemical and restrictions on use

Recommended Use

For industrial use.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency telephone number

Company Phone Number Emergency Telephone 800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear straw-colored liquid

Physical state Liquid

Odor No appreciable odor

Classification

Serious eye damage/eye irritation		Category 1	
Specific target organ toxicity (single exposure)	in an indiana.	Category 1	

<u>Signal Word</u> Danger

Hazard statements

Causes serious eye damage Causes damage to organs



Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Revision Date: 30-Aug-2019

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Glycol Ether EB	111-76-2	
Petroleum distillates, hydrotreated middle	64742-46-7	<5

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Wash skin thoroughly

with mild soap and water. Wash contaminated clothing before reuse. If skin irritation

persists, call a physician.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if

symptoms develop and persist.

Ingestion Seek medical attention immediately. Wash out mouth with water. If conscious give 2

glasses of water to dilute. Stop if the person feels sick as vomiting may be dangerous. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor breathing. Never give anything by mouth to an unconscious person. Do NOT induce

vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms Causes mild skin irritation. Causes serious eye damage. Inhalation symptoms may include

dizziness, headache, and nausea. Ingestion symptoms: causes damage to organs, optic

nerve, and central nervous system. Irritating to mouth, throat, and stomach.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Hazardous combustion products Carbon dioxide (CO2). Carbon monoxide. Nitrogen oxides (NOx). Hydrogen chloride. Silicon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental precautions

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Contain and collect with an inert absorbent and place into an appropriate container for

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disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wear protective

gloves/protective clothing and eye/face protection. Do not breathe

dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after

handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked

up

Incompatible Materials

Oxidizing agents. Reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycol Ether EB 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

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Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear eye/face protection. Splash goggles or safety glasses. Refer to 29 CFR 1910.133 for

eve and face protection regulations.

Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate Skin and Body Protection

skin and body protection.

Ensure adequate ventilation, especially in confined areas. Refer to 29 CFR 1910.134 for **Respiratory Protection**

respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid

Clear straw-colored liquid **Appearance**

Color Straw

Property Values Remarks • Method

7.0-9.0

Melting point / freezing point Not determined > 100 °C / 212 °F Boiling point / boiling range Not determined Flash point Not determined **Evaporation Rate**

Flammability (Solid, Gas) Liquid-Not applicable

Flammability Limit in Air

Upper flammability or explosive Not determined

limits

Lower flammability or explosive Not determined

limits

Vapor Pressure Not determined **Vapor Density** Not determined

0.960-0.980 **Relative Density** Water Solubility Not determined

Solubility in other solvents Not determined **Partition Coefficient** Not determined **Autoignition temperature** Not determined Not determined **Decomposition temperature** Kinematic viscosity 10-30 cst Not determined Dynamic Viscosity Not determined **Explosive Properties Oxidizing Properties** Not determined

(Water=1)

Odor

Odor Threshold

No appreciable odor

Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

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Conditions to Avoid

Keep out of reach of children.

incompatible materials

Oxidizing agents. Reducing agents.

Hazardous decomposition products

Carbon dioxide (CO2). Nitrogen oxides (NOx). Hydrogen chloride. Silicon oxides. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Revision Date: 30-Aug-2019

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes. Causes serious eye damage.

Skin Contact

Avoid contact with skin.

Inhalation

Do not inhale.

Ingestion

Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycol Ether EB 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 486 ppm (Rat) 4 h = 450 ppm (
Petroleum distillates, hydrotreated	= 7400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	Rat) 4 h = 4.6 mg/L (Rat) 4 h
middle 64742-46-7	, too nighting (nat)	2000 mg/ng (Thabbit)	-4.0 mgr. (Nat / 4 m
Proprietary ingredient 2	= 620 mg/kg (Rat) = 500 mg/kg (> 10 g/kg (Rat)	_
	Rat)		

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

May cause skin irritation.

Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Glycol Ether EB	A3 :	Group 3		
111-76-2	e National Conference	and the second s	45.00 °	

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

STOT - single exposure

Causes damage to organs. optic nerve. Central nervous system (CNS).

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

 Oral LD50
 8,227.90 mg/kg

 Dermal LD50
 9,496.00 mg/kg

 ATEmix (inhalation-dust/mist)
 14.30 mg/L

 ATEmix (inhalation-vapor)
 22.45 mg/L

12. ECOLOGICAL INFORMATION

Revision Date: 30-Aug-2019

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Glycol Ether EB		2950: 96 h Lepomis macrochirus	1000: 48 h Daphnia magna mg/L
111-76-2		mg/L LC50 1490: 96 h Lepomis	EC50 1698 - 1940: 24 h Daphnia
		macrochirus mg/L LC50 static	magna mg/L EC50
Petroleum distillates, hydrotreated		10000: 96 h Pimephales promelas	
middle		mg/L LC50 static 35: 96 h	
64742-46-7		Pimephales promelas mg/L LC50	
		flow-through	

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

*· · · · · · · · · · · · · · · · · · ·	 the first and the second of the first and th	er San Bartan Ba
Chemical name	 Partition coefficient	
Glycol Ether EB	0.81	
111-76-2		4.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

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DSI-119 - Ceramic X3 Drying Agent (Step 3)

Please see current shipping paper for most up to date shipping information, including

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exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	NCS	ENCS	IECSC	KECL	PICCS	AICS
Glycol Ether EB	X	ACTIVE	X	X	X	X	Х	Х	X
Proprietary Silicone Emulsion	Х	ACTIVE	×	Х	Х	X	×	Х	×
Proprietary ingredient 1	X	ACTIVE	Х	Х		4 2 X			Х
Petroleum distillates, hydrotreated middle	Х	ACTIVE	Х	X		Х	Х	X	Х
Proprietary ingredient 2	X	ACTIVE	X	Х		X	X	Х	Х
Polyoxyethylene 2-ethyl hexyl ether	Х	ACTIVE	Х			X		×	X

Legend:

Note

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Glycol Ether EB - 111-76-2	111-76-2	<10	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Glycol Ether EB	X	X	X
111-76-2			
Proprietary Silicone Emulsion			X

16. OTHER INFORMATION

NFPA_

HMIS

Health Hazards
Not determined
Health Hazards

Not determined

Flammability
Not determined
Flammability
Not determined

Instability
Not determined
Physical hazards
Not determined

Special Hazards Not determined Personal Protection Not determined

Revision Date: 30-Aug-2019

Issue Date:

29-Aug-2019 30-Aug-2019

Revision Date: Revision Note:

New

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 29-Aug-2019 Revision Date: 30-Aug-2019

Version 1

1. IDENTIFICATION

Product identifier

Product Name

Ceramic X3 Protectant (Step 2)

Other means of identification

SDS#

Recommended use of the chemical and restrictions on use

Recommended Use

For industrial use.

Details of the supplier of the safety data sheet

Supplier Address
Diamond Shine, Inc

1340 E. 289th St Wickliffe, OH 44092

Emergency telephone number

Company Phone Number Emergency Telephone 800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear straw-colored liquid

Physical state Liquid

Odor No appreciable odor

Classification

Serious eye damage/eye irritation		Category 1
Specific target organ toxicity (single exposure)		Category 1

Signal Word Danger

Hazard statements

Causes serious eye damage Causes damage to organs



Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Glycol Ether EB	111-76-2	<10
Petroleum distillates, hydrotreated middle	64742-46-7	<5

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and

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easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Wash skin thoroughly with mild soap and water. Wash contaminated clothing before reuse. If skin irritation

persists, call a physician.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if

symptoms develop and persist.

Ingestion

Seek medical attention immediately. Wash out mouth with water. If conscious give 2 glasses of water to dilute. Stop if the person feels sick as vomiting may be dangerous. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor breathing. Never give anything by mouth to an unconscious person. Do NOT induce

vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms

Causes mild skin irritation. Causes serious eye damage. Inhalation symptoms may include dizziness, headache, and nausea. Ingestion symptoms: causes damage to organs, optic nerve, and central nervous system. Irritating to mouth, throat, and stomach.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Ceramic X3 Protectant (Step 2)

Specific Hazards Arising from the Chemical

Not determined.

Hazardous combustion products Carbon dioxide (CO2). Carbon monoxide. Nitrogen oxides (NOx). Hydrogen chloride. Silicon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental precautions

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Contain and collect with an inert absorbent and place into an appropriate container for

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disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wear protective

gloves/protective clothing and eye/face protection. Do not breathe

dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after

handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked

up.

Incompatible Materials

Oxidizing agents. Reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycol Ether EB 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

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Individual protection measures, such as personal protective equipment

Wear eye/face protection. Splash goggles or safety glasses. Refer to 29 CFR 1910.133 for **Eye/Face Protection**

eye and face protection regulations.

Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate Skin and Body Protection

skin and body protection.

Ensure adequate ventilation, especially in confined areas. Refer to 29 CFR 1910.134 for **Respiratory Protection**

respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Liquid

Appearance

Clear straw-colored liquid

Odor

No appreciable odor

Color

Straw

Odor Threshold

(Water=1)

Remarks • Method

Not determined

Property На

Values

7.0-9.0

Not determined

Boiling point / boiling range

Melting point / freezing point

> 100 °C / 212 °F

Flash point **Evaporation Rate** Not determined Not determined

Flammability (Solid, Gas)

Liquid-Not applicable

Flammability Limit in Air

Upper flammability or explosive

Not determined

limits

Lower flammability or explosive

limits

Not determined

Vapor Pressure Vapor Density

Not determined Not determined

Relative Density

0.960-0.980

Water Solubility Solubility in other solvents Not determined Not determined

Partition Coefficient Autoignition temperature Decomposition temperature

Not determined Not determined Not determined

Kinematic viscosity Dynamic Viscosity **Explosive Properties**

10-30 cst Not determined Not determined

Oxidizing Properties

Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Ceramic X3 Protectant (Step 2)

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

Oxidizing agents. Reducing agents.

Hazardous decomposition products

Carbon dioxide (CO2). Nitrogen oxides (NOx). Hydrogen chloride. Silicon oxides. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Revision Date: 30-Aug-2019

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes. Causes serious eye damage.

Skin Contact

Avoid contact with skin.

Inhalation

Do not inhale.

Ingestion

Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycol Ether EB 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg(Rabbit)	= 486 ppm (Rat)4 h = 450 ppm (Rat)4 h
Petroleum distillates, hydrotreated middle 64742-46-7	= 7400 mg/kg(Rat)	> 2000 mg/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h
Proprietary ingredient 2	= 620 mg/kg(Rat)= 500 mg/kg(Rat)	> 10 g/kg (Rat)	•

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

May cause skin irritation.

Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Glycol Ether EB	A3	Group 3		
111-76-2		·		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

STOT - single exposure

Causes damage to organs, optic nerve. Central nervous system (CNS).

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50

8,227.90 mg/kg

Dermal LD50

9,496.00 mg/kg

ATEmix (inhalation-dust/mist)

14.30 mg/L

ATEmix (inhalation-vapor)

22.45 mg/L

12. ECOLOGICAL INFORMATION

Revision Date: 30-Aug-2019

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Lauramine oxide		134: 96 h Danio rerio mg/L LC50	
1643-20-5		semi-static	
Glycol Ether EB		2950: 96 h Lepomis macrochirus	1000: 48 h Daphnia magna mg/L
111-76-2		mg/L LC50 1490: 96 h Lepomis	EC50 1698 - 1940: 24 h Daphnia
		macrochirus mg/L LC50 static	magna mg/L EC50
Petroleum distillates, hydrotreated		10000: 96 h Pimephales promelas	
middle		mg/L LC50 static 35: 96 h	
64742-46-7		Pimephales promelas mg/L LC50	
]		flow-through	palika kalendara da Nasaga wa 12

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Glycol Ether EB	0.81
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Ceramic X3 Protectant (Step 2)

14. TRANSPORT INFORMATION

Revision Date: 30-Aug-2019

Please see current shipping paper for most up to date shipping information, including <u>Note</u>

exemptions and special circumstances.

DOT Not regulated

<u>IATA</u> Not regulated

<u>IMDG</u> Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Lauramine oxide	X	ACTIVE	X	Х	Х	Х	X	Х	X
Glycol Ether EB	X	ACTIVE	X	X	Х	X	X	X	X
Proprietary Silicone Emulsion	X	ACTIVE	Х	×	Х	Х	×	Х	×
Proprietary ingredient 1	X	ACTIVE	X	X		X			X
Petroleum distillates, hydrotreated middle	X	ACTIVE	Х	X		X	Х	X	Х
Proprietary ingredient 2	X	ACTIVE	Х	X		X	Х	×	Х
Polyoxyethylene 2-ethyl hexyl ether	Х	ACTIVE	Х			Х		Х	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Glycol Ether EB - 111-76-2	111-76-2	<10	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Glycol Ether EB 111-76-2	X	X	X
Proprietary Silicone Emulsion		and a control of the	X

16. OTHER INFORMATION

<u>NFPA</u>

HMIS

Health Hazards Not determined **Health Hazards**

Not determined

Flammability Not determined **Flammability**

Not determined

Instability Not determined Physical hazards Not determined

Special Hazards Not determined **Personal Protection** Not determined

Revision Date: 30-Aug-2019

Issue Date:

29-Aug-2019 30-Aug-2019

Revision Date:

Revision Note:

New

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 29-Aug-2019

Revision Date: 30-Aug-2019

Version 1

1. IDENTIFICATION

Product identifier

Product Name

Ceramic X3 Wax (Step 1)

Other means of identification

SDS#

DSI-119

Recommended use of the chemical and restrictions on use

Recommended Use

For industrial use.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency telephone number

Company Phone Number Emergency Telephone 800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear straw-colored liquid

Physical state Liquid

Odor No appreciable odor

Classification

Serious eye damage/eye irritation	Category 1	
Specific target organ toxicity (single exposure)	Category 1	

Signal Word

Danger

Hazard statements

Causes serious eye damage Causes damage to organs



Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

Revision Date: 30-Aug-2019

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Glycol Ether EB	111-76-2	<10
Petroleum distillates, hydrotreated middle	64742-46-7	<5

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Wash skin thoroughly

with mild soap and water. Wash contaminated clothing before reuse. If skin irritation

persists, call a physician.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if

symptoms develop and persist.

Ingestion Seek medical attention immediately. Wash out mouth with water. If conscious give 2

glasses of water to dilute. Stop if the person feels sick as vomiting may be dangerous. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor breathing. Never give anything by mouth to an unconscious person. Do NOT induce

vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms Causes mild skin irritation. Causes serious eye damage. Inhalation symptoms may include

dizziness, headache, and nausea. Ingestion symptoms: causes damage to organs, optic

nerve, and central nervous system. Irritating to mouth, throat, and stomach.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

1 D--- 0/

Revision Date: 30-Aug-2019

Specific Hazards Arising from the Chemical

Not determined.

Hazardous combustion products Carbon dioxide (CO2). Carbon monoxide. Nitrogen oxides (NOx). Hydrogen chloride. Silicon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental precautions

Environmental precautions

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Contain and collect with an inert absorbent and place into an appropriate container for

disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not breathe

dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked

Incompatible Materials

Oxidizing agents. Reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycol Ether EB 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Revision Date: 30-Aug-2019

No appreciable odor

Not determined

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear eye/face protection. Splash goggles or safety glasses. Refer to 29 CFR 1910.133 for

eye and face protection regulations.

Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate Skin and Body Protection

skin and body protection.

Ensure adequate ventilation, especially in confined areas. Refer to 29 CFR 1910.134 for **Respiratory Protection**

respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor

Information on basic physical and chemical properties

Physical state Liquid

Clear straw-colored liquid **Appearance**

Straw **Odor Threshold** Color

Remarks • Method **Property** Values

Нq 7.0-9.0

Melting point / freezing point Not determined > 100 °C / 212 °F Boiling point / boiling range

Flash point Not determined Not determined **Evaporation Rate**

Flammability (Solid, Gas) Liquid-Not applicable

Flammability Limit in Air Upper flammability or explosive

Not determined limits

Lower flammability or explosive

Not determined limits

Not determined Vapor Pressure **Vapor Density** Not determined

0.960-0.980 **Relative Density** (Water=1)

Water Solubility Not determined Not determined Solubility in other solvents Not determined **Partition Coefficient Autoignition temperature** Not determined **Decomposition temperature** Not determined Kinematic viscosity 10-30 cst Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties**

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous polymerization does not occur. **Hazardous Polymerization**

DSI-119 - Ceramic X3 Wax (Step 1)

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

Oxidizing agents. Reducing agents.

Hazardous decomposition products

Carbon dioxide (CO2). Nitrogen oxides (NOx). Hydrogen chloride. Silicon oxides. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Revision Date: 30-Aug-2019

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes. Causes serious eye damage.

Skin Contact

Avoid contact with skin.

Inhalation

Do not inhale.

Ingestion

Do not ingest.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycol Ether EB 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 486 ppm (Rat)4 h = 450 ppm (Rat)4 h
Petroleum distillates, hydrotreated middle 64742-46-7	= 7400 mg/kg (Rat)	> 2000 mg/kg(Rabbit)	= 4.6 mg/L (Rat) 4 h
Proprietary ingredient 2	= 620 mg/kg (Rat) = 500 mg/kg (Rat)	> 10 g/kg(Rat)	

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

May cause skin irritation.

Carcinogenicity

Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Glycol Ether EB	A3	Group 3		
111-76-2		·		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

STOT - single exposure

Causes damage to organs. optic nerve. Central nervous system (CNS).

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

Oral LD50

8,227.90 mg/kg

Dermal LD50

9,496.00 mg/kg

ATEmix (inhalation-dust/mist)

14.30 mg/L

ATEmix (inhalation-vapor)

22.45 mg/L

12. ECOLOGICAL INFORMATION

Revision Date: 30-Aug-2019

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Lauramine oxide		134: 96 h Danio rerio mg/L LC50	
1643-20-5		semi-static	
Glycol Ether EB		2950: 96 h Lepomis macrochirus	1000: 48 h Daphnia magna mg/L
111-76-2		mg/L LC50 1490: 96 h Lepomis	EC50 1698 - 1940: 24 h Daphnia
		macrochirus mg/L LC50 static	magna mg/L EC50
Petroleum distillates, hydrotreated		10000: 96 h Pimephales promelas	
middle		mg/L LC50 static 35: 96 h	
64742-46-7		Pimephales promelas mg/L LC50	
		flow-through	A Charles of These a care Heavist Con-

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Glycol Ether EB	0.81
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

DSI-119 - Ceramic X3 Wax (Step 1)

14. TRANSPORT INFORMATION

Revision Date: 30-Aug-2019

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

<u>IATA</u> Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Lauramine oxide	X	ACTIVE	X	x	Х	X	X	X	X
Glycol Ether EB	Х	ACTIVE	Х	X	X	Х	X	X	X
Proprietary Silicone Emulsion	X	ACTIVE	X	Х	X	Х	X	Х	X
Proprietary ingredient 1	X	ACTIVE	Х	X		X			X
Petroleum distillates, hydrotreated middle	X	ACTIVE	X	Х		Х	Х	Х	X
Proprietary ingredient 2	X	ACTIVE	Х	X		X	X	Х	Х
Polyoxyethylene 2-ethyl hexyl ether	Х	ACTIVE	X		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	×		×	Х

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Glycol Ether EB - 111-76-2	111-76-2	<10	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Glycol Ether EB 111-76-2	X	X	X
Proprietary Silicone Emulsion			×
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16. OTHER INFORMATION

NFPA_

<u>HMIS</u>

Health Hazards Not determined Health Hazards

Not determined

Flammability
Not determined
Flammability
Not determined

Instability
Not determined
Physical hazards
Not determined

Special Hazards
Not determined
Personal Protection
Not determined

Revision Date: 30-Aug-2019

Issue Date:

29-Aug-2019 30-Aug-2019

Revision Date: Revision Note:

New

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Page 8/8

Safety Data Sheet

Issue Date: 06-May-2015

Revision Date: 05-Oct-2020

Version 3

1. IDENTIFICATION

Product Identifier

Product Name

FOAMY BUG ULTRA *3X*

Other means of identification

Product Code

BE865

UN/ID No

UN3267

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive Care Products. Bug remover.

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Yellow liquid

Physical State Liquid

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage

May cause respiratory irritation. May cause drowsiness or dizziness



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Immediately call a poison center or doctor/physician

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

·	 \$3000 Property and the first a	11 11	the base of the first terms of t	The same of the sa
Chemical Name	CAS No	·-		Weight-%
Monoethanolamine	 141-43-5			5-20
Trisodium Nitrilotriacetate	5064-31-3			<1

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

poison center or doctor/physician.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash contaminated clothing before reuse. If skin irritation persists, call

a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Immediately call a poison center or doctor/physician. Artificial respiration and/or

oxygen may be necessary.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms

Causes severe skin burns and eye damage. Headache. Nausea. May cause respiratory

irritation. May cause drowsiness or dizziness.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Material is corrosive. The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Contain spilled material if possible.

Absorb with materials such as: Dirt. Sand. Sawdust.

Methods for Clean-Up

Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Follow all product label instructions. Use only as directed. Use only outdoors or in a well-ventilated area.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Store away from heat and incompatible materials.

Incompatible Materials

Acids. Soft metals. Store away from oxidizing agents/reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Monoethanolamine	STEL: 6 ppm	TWA: 3 ppm	IDLH: 30 ppm
141-43-5	TWA: 3 ppm	TWA: 6 mg/m ³	TWA: 3 ppm
		(vacated) TWA: 3 ppm	TWA: 8 mg/m ³
		(vacated) TWA: 8 mg/m ³	STEL: 6 ppm
		(vacated) STEL: 6 ppm	STEL: 15 mg/m ³
		(vacated) STEL: 15 mg/m ³	· ·

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Eyewash

stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles.

Skin and Body Protection Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Protective clothing and equipment should be in accordance with

29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

Appearance Yellow liquid Odor Not determined
Color Yellow Odor Threshold Not determined

Property Values Method Remarks • Method

pH
12.4-13.5

Melting Point/Freezing Point

Boiling Point/Boiling Range

> 100 °C / > 212 °F

| Stand Point | Point |

Flash Point

Evaporation Rate
Flammability (Solid, Gas)
Upper Flammability Limits
Lower Flammability Limit
Vapor Pressure
Vapor Density

Not applicable
Not applicable
Not available
Not available
Not available

Specific Gravity 1.055-1.065 @ 25 °C (77 °F) (1=Water)

Completely soluble Water Solubility Solubility in other solvents Not determined **Partition Coefficient** Not determined Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Kinematic Viscosity Not determined Not determined **Dynamic Viscosity** Not an explosive **Explosive Properties** Not determined **Oxidizing Properties**

10. STABILITY AND REACTIVITY

Reactivity

FOAMY BUG ULTRA *3X*

Issue Date: 05-Oct-2020

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Excessive heat.

Incompatible Materials

Acids. Soft metals. Store away from oxidizing agents/reducing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Causes severe eye damage.

Skin Contact

Causes severe skin burns.

Inhalation

Avoid breathing vapors or mists.

Ingestion

Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	· · · · · · · · · · · · · · · · · · ·	*
Monoethanolamine 141-43-5	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit)= 1025 mg/kg (Rabbit)	
Trisodium Nitrilotriacetate 5064-31-3	= 920 mg/kg (Rat)		> 5 mg/L (Rat)4 h

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA
Trisodium Nitrilotriacetate		Group 2B	-	X
5064-31-3				

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

STOT - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Monoethanolamine	15: 72 h Desmodesmus	227: 96 h Pimephales		65: 48 h Daphnia magna
141-43-5	subspicatus mg/L EC50	promelas mg/L LC50		mg/L EC50
		flow-through 3684: 96 h	and the second second second second	and the second and a second
. 4		Brachydanio rerio mg/L		그 전에 걸려왔습니다 그리다
		LC50 static 300 - 1000: 96 h	The product of the first of	The full production of the second
		Lepomis macrochirus mg/L		According to the contract of
		LC50 static 114 - 196: 96 h		TO THE PERSON
		Oncorhynchus mykiss mg/L		
		LC50 static 200: 96 h		**
		Oncorhynchus mykiss mg/L	ļ	
		LC50 flow-through		
Trisodium Nitrilotriacetate	560 - 1000: 96 h Chlorella	93 - 170: 96 h Pimephales	l "' '	560 - 1000: 48 h Daphnia
5064-31-3	vulgaris mg/L EC50	promelas mg/L LC50		magna mg/L LC50
		flow-through 175 - 225: 96 h	·	t trait
		Lepomis macrochirus mg/L		
]		LC50 static 252: 96 h	* * * *	
		Lepomis macrochirus mg/L		
		LC50 470: 96 h Pimephales		1
		promelas mg/L LC50 static	·	
		560 - 1000: 96 h Oryzias		
		latipes mg/L LC50 560 -		
l		1000: 96 h Oryzias latipes		
		mg/L LC50 semi-static 72 - 133: 96 h Oncorhynchus		
		mykiss mg/L LC50 static 560	dulla	
		- 1000: 96 h Poecilia		
		reticulata mg/L LC50		The state of the s
		semi-static 560 - 1000: 96 h	····	
	• *	Poecilia reticulata mg/L		
		LC50 114: 96 h Pimephales	·	
		promelas mg/L LC50		

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Monoethanolamine	-1.91
141-43-5	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances. Based on package size, product may be eligible for

limited quantity exception.

DOT

UN/ID No UN3267

Proper Shipping Name Corrosive liquid, basic, organic, n.o.s. (Monoethanolamine)

Hazard Class 8
Packing Group ||

IATA

UN/ID No UN3267

Proper Shipping Name Corrosive liquid, basic, organic, n.o.s. (Monoethanolamine)

Hazard Class 8
Packing Group | |

IMDG

UN/ID No UN3267

Proper Shipping Name Corrosive liquid, basic, organic, n.o.s. (Monoethanolamine)

Hazard Class 8
Packing Group ||

Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65 Chemical Name This product contains the following Proposition 65 chemicals

California Proposition 65

Diethanolamine 111-42-2

Carcinogen

This product also contains a chemical that is at or below California Proposition 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.

U.S. State Right-to-Know Regulations

Chemical Name		New Jersey	Massachusetts	Pennsylvania
Monoethanolamir 141-43-5	е	X	Х	X
Trisodium Nitrilotriac	etate		X and	
5064-31-3		and the state of t		American and the Color

16. OTHER INFORMATION

NFPA

Health Hazards Not determined

Flammability Not determined Instability Not determined **Special Hazards** Not determined

HMIS

Health Hazards

Flammability .

Physical Hazards

Personal Protection

Not determined

Issue Date:

06-May-2015

Revision Date:

05-Oct-2020

Revision Note:

Information in Section 15

<u>Disclaimer</u>

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Safety Data Sheet

Issue Date: 21-Aug-2014

Revision Date: 20-Feb-2019

Version 4

1. IDENTIFICATION

Product Identifier

Product Name

Fusion Rinse Pro Rinse

Other means of identification

SDS#

DSI-104

Product Code

4305, BE435

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive Care Products.

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number Emergency Telephone (24 hr) 800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Dark green liquid

Physical State Liquid

Odor No appreciable odor

Classification

	tyre i transfer a commence of the commence of	approximate and a second control of	
Acute toxicity - Oral			Category 4
Acute toxicity - Dermal			Category 4
Acute toxicity - Inhalation (Vapors)			Category 4
Skin corrosion/irritation	As the first of the entire of the first of		Category 2
Serious eye damage/eye irritation			Category 2

Signal Word Danger

Hazard Statements

Harmful if swallowed

Harmful in contact with skin Harmful if inhaled Causes skin irritation

Causes serious eye irritation



Revision Date: 20-Feb-2019

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash it before reuse

If skin irritation occurs: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a poison center or doctor/physician if you feel unwell

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Rinse mouth

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity

30-40% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
2-Butoxyethanol	111-76-2	20-40
Petroleum distillates, hydrotreated middle	64742-46-7	20-30

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

Get medical advice/attention.

Skin Contact IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before

reuse. If skin irritation occurs: Get medical advice/ attention.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Artificial respiration and/or oxygen may be necessary. Get medical attention if

you feel unwell.

Page 2 / 8

Ingestion

Revision Date: 20-Feb-2019

IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms Headache. Dizziness. Nausea. Direct contact may cause skin or eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Soak up with absorbent material,

Methods for Clean-Up Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Follow all product label instructions. Use only as directed. Avoid breathing vapors or mists. Use only with adequate ventilation. Wash face, hands and any exposed skin thoroughly after

handling. Do not eat, drink or smoke when handling this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away

from heat and incompatible materials. Store locked up.

SI-104 – Fusion Rinse Revision Date: 20-Feb-2019

Incompatible Materials

Store away from oxidizing agents/reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol	TWA: 20 ppm	TWA: 50 ppm	IDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³	TWA: 5 ppm
		(vacated) TWA: 25 ppm	TWA: 24 mg/m ³
		(vacated) TWA: 120 mg/m ³	
		(vacated) S*	
		S*	ale de la companya de

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Eyewash

stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles.

Skin and Body Protection Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Protective clothing and equipment should be in accordance with

29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

AppearanceDark green liquidOdorNo appreciable odorColorDark greenOdor ThresholdNot determined

Property Values Remarks • Method

pH 7.0-9.0
Melting Point/Freezing Point Not determined

Boiling Point/Boiling Range > 100 °C / > 212 °F

Flash Point Not available
Evaporation Rate Not available
Flammability (Solid, Gas) Liquid-not applicable
Upper Flammability Limits Not applicable
Lower Flammability Limit Not applicable

Vapor Pressure
Vapor Density

Not available
Not available

Specific Gravity 0.910 (1=Water)
Water Solubility Completely soluble

Solubility in other solvents
Partition Coefficient
Auto-ignition Temperature
Decomposition Temperature
Kinematic Viscosity
Dynamic Viscosity
Not determined
Not determined
Not determined
Not determined
Not determined
Solubility in other solvents
Not determined
Not determined
Not determined
Not determined
Not determined

Explosive Properties Not an explosive

Oxidizing Properties

Not determined

10. STABILITY AND REACTIVITY

Revision Date: 20-Feb-2019

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Store away from oxidizing agents/reducing agents.

Hazardous Decomposition Products

None known based on information supplied.

TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Causes serious eye irritation.

Skin Contact

Causes skin irritation. Harmful in contact with skin.

Inhalation

Harmful if inhaled.

Ingestion

Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg	= 2.21 mg/L (Rat) 4 h = 450 ppm
111-76-2		(Rabbit)	(Rat)4h
Petroleum distillates, hydrotreated	= 7400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h
middle			, , ,
64742-46-7	the second second	No. 1345	

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

However, the product as a whole has not been tested.

Chemical Name	ACGIH	IARC	NTP	OSHA

DSI-104 - Fusion Rinse Pro Rinse

Revision Date: 20-Feb-2019

					· · · · · · · · · · · · · · · · · · ·
	2 Dutain athanal	A2	Group 3	1	
	2-Butoxyetnanoi	AS	Group 3	1	
			•	1	· · · · · · · · · · · · · · · · · · ·
	111,76,2			1	l :
- 3	111-10-2			1	

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

30-40% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
2-Butoxyethanol 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
Petroleum distillates, hydrotreated middle 64742-46-7	and the second	35: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Pimephales promelas mg/L LC50 static		

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
2-Butoxyethanol	40544 (4405 be 11 0.81 extrase)
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT

Not regulated

Revision Date: 20-Feb-2019

<u>IATA</u>

Not regulated

<u>IMDG</u>

Marine Pollutant

This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations. Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	111-76-2	31.68	1.0

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol	X	X	X
111-76-2			,

DSI-104 – Fusion Rinse Revision Date: 20-Feb-2019
Pro Rinse

16. OTHER INFORMATION

NFPA

HMIS

Health Hazards Not determined Health Hazards

Flammability
Not determined
Flammability

Instability
Not determined
Physical Hazards

Special Hazards
Not determined
Personal Protection
Not determined

Issue Date:

21-Aug-2014 20-Feb-2019

Revision Date: Revision Note:

Name change to Fusion Rinse

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 06-Feb-2017 Revision Date: 20-Feb-2019 Version 2

1. IDENTIFICATION

Product Identifier

Product Name

Fusion Seal Blue, Fusion Seal Red, Fusion Seal White

Sealtech Blue, Sealtech Red, Sealtech White

Other means of identification

SDS#

Product Code

Fusion Seal Blue: BE455 Fusion Seal Red: BE465

Fusion Seal White: BE495

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive care.

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance

Fusion Seal Blue-Blue colored liquid Fusion Seal Red-Red colored liquid Fusion Seal White-Straw colored liquid **Physical State**

Fusion Seal Blue-Liquid Fusion Seal Red-Liquid Fusion Seal White-Liquid Odor

Fusion Seal Blue-None Fusion Seal Red-None Fusion Seal White-Lemon

Classification

Acute toxicity - Inhalation (Vapors)

Category 4

Hazards Not Otherwise Classified (HNOC)

Causes mild skin irritation

Signal Word Warning

Hazard Statements

Harmful if inhaled



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

3. COMPOSITION/INFORMATION ON INGREDIENTS

Revision Date: 20-Feb-2019

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated middle	64742-46-7	
Ethylene Glycol Monobutyl Ether	111-76-2	< 15

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

Symptoms Harmful if inhaled.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Revision Date: 20-Feb-2019

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated

area.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked

up.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

			and the state of t
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether	TWA: 20 ppm	TWA: 50 ppm	IDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³	TWA: 5 ppm
		(vacated) TWA: 25 ppm	TWA: 24 mg/m ³
		(vacated) TWA: 120 mg/m ³	- Table 1
		(vacated) S*	
		l s*	4 (14.5) (14.5)

Appropriate engineering controls

Engineering Controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Avoid contact with eyes.

Skin and Body Protection Wear suitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

 Appearance
 Fusion Seal Blue-Blue liquid
 Odor
 Fusion Seal Blue-None

Fusion Seal Red-Red liquid Fusion Seal Red-None
Fusion Seal White-White liquid Fusion Seal White-Lemon

Revision Date: 20-Feb-2019

Color Not determined Odor Threshold Not determined

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

рΗ 7.0-9.0 Melting Point/Freezing Point Not determined **Boiling Point/Boiling Range** Not determined Flash Point Not determined **Evaporation Rate** Not determined Flammability (Solid, Gas) Not determined **Upper Flammability Limits** Not determined Lower Flammability Limit Not determined **Vapor Pressure** Not determined **Vapor Density** Not determined

Specific Gravity 0.970-0.990 @25 Deg. C (77 Deg. F) (1=Water)

Water Solubility
Solubility in other solvents
Partition Coefficient
Auto-ignition Temperature
Decomposition Temperature
Not determined
Not determined
Not determined

Kinematic Viscosity 20-40 cSt @25 Deg. C (77 Deg. F)

Dynamic ViscosityNot determinedExplosive PropertiesNot determinedOxidizing PropertiesNot determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

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Revision Date: 20-Feb-2019

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes.

Skin Contact

Causes mild skin irritation.

Inhalation

Harmful if inhaled.

Ingestion

Do not ingest.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated	= 7400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h
middle			, ,
64742-46-7	,	e tan in angalawa an angalawa ta atau ta	The second second second
Ethylene Glycol Monobutyl Ether	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (= 2.21 mg/L (Rat) 4 h = 450 ppm
111-76-2		Rabbit)	(Rat)4h

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity ·

Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl	A3	Group 3		
Ether	<u> </u>			
111-76-2	and the second s	14 14 14 14 14 14 14 14 14 14 14 14 14 1		

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Revision Date: 20-Feb-2019

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated middle 64742-46-7		35: 96 h Pimephales promelas mg/L LC50 flow- through 10000: 96 h Pimephales promelas mg/L LC50 static		And Andrews
Ethylene Glycol Monobutyl Ether 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	Alleman Andrewski (1994) Alleman Andrewski (1994) Andrewski (1994)	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 4 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Ethylene Glycol Monobutyl Ether	0.81
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Revision Date: 20-Feb-2019

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum distillates,	Present	X		Present		Present	X	Present	X	X
hydrotreated middle			4 1 1							
Ethylene Glycol Monobutyl	Present	Х	F. 31	Present		Present	Х	Present	Х	X
Ether			ne ne segré adalé			en in english		giyafalasi	3 - 6 - 44	Sill.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	<15	1.0

Revision Date: 20-Feb-2019

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether	X	X	X
111-76-2		All the second s	

16. OTHER INFORMATION

NFPA

Health Hazards

Flammability
Not determined

Instability
Not determined

Special Hazards
Not determined

HMIS

Not determined Health Hazards Not determined

Flammability
Not determined

Physical Hazards
Not determined

Not determined

Personal Protection

Not determined

Issue Date:

06-Feb-2017

Revision Date:

20-Feb-2019

Revision Note:

Name change to Fusion Seal

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 20-Mar-2018 Revision Date: Version 1

1. IDENTIFICATION

Product Identifier

Product Name

Fusion Wax

Other means of identification

SDS#

Product Code

BE265

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive care.

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number Emergency Telephone (24 hr) 800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Straw colored liquid

Physical State Liquid

Odor No Appreciable Odor

Classification

Hazards Not Otherwise Classified (HNOC)

Causes mild skin irritation

Unknown Acute Toxicity

1% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethylene Glycol Monobutyl Ether	111-76-2	1-10

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek

immediate medical attention/advice.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Wash skin thoroughly

with mild soap and water. If skin irritation persists, call a physician.

Inhalation Remove to fresh air. If not breathing, give artificial respiration.

Ingestion Seek medical attention immediately. If conscious give 2 glasses of water to dilute. Never

give anything by mouth to an unconscious person. Do not induce vomiting.

Most important symptoms and effects

Symptoms Inhalation symptoms may include dizziness and headache. Nausea. May cause skin and

eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental Precautions Discharge into the environment must be avoided.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Contain and collect with an inert absorbent and place into an appropriate container for

disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Use in accordance

with product label instructions.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store at high

temperatures. Store away from incompatible materials.

Incompatible Materials

Oxidizing agents. Reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether	TWA: 20 ppm	TWA: 50 ppm	IDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³ (vacated) TWA: 25 ppm	TWA: 5 ppm TWA: 24 mg/m ³
		(vacated) TWA: 23 ppm (vacated) TWA: 120 mg/m³	TVVA, 24 mg/m
		(vacated) S*	graph Marketta and the
		S*	The state of the section of the sect

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Splash goggles or safety glasses.

Skin and Body Protection

Wear protective gloves. Wear protective clothing to minimize skin contact.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Fusion Wax Revision Date:

Information on basic physical and chemical properties

Liquid Physical State

Straw colored liquid No Appreciable Odor Appearance Odor Not determined **Odor Threshold**

Color Straw

Remarks • Method

Values **Property** 7.50 - 9.50Ηq

Melting Point/Freezing Point Not determined > 100 °C / >212 °F **Boiling Point/Boiling Range**

Flash Point Not available Not available **Evaporation Rate** n/a-liquid Flammability (Solid, Gas) **Upper Flammability Limits** Not available Lower Flammability Limit Not available Vapor Pressure Not available Vapor Density Not available

Specific Gravity 0.960 - 0.980Completely soluble Water Solubility

Solubility in other solvents Not determined **Partition Coefficient** Not determined Auto-ignition Temperature Not determined Not determined **Decomposition Temperature** Kinematic Viscosity 20 - 40 cst**Dynamic Viscosity** Not determined **Explosive Properties** Not determined Not determined and appropriate and the past **Oxidizing Properties**

(1=Water)

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization does not occur. **Hazardous Polymerization**

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Oxidizing agents. Reducing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes.

Skin Contact

Causes mild skin irritation.

Inhalation

Avoid breathing vapors or mists.

Ingestion

Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl Ether	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (= 2.21 mg/L (Rat) 4 h = 450 ppm
111-76-2	· ·	Rabbit)	(Rat)4 h

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NŢP	OSHA
Ethylene Glycol Monobutyl	A3	Group 3		하는 경기를 가는 것이 되었다.
Ether	194944211			t salityett i leda
111-76-2				

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

1% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethylene Glycol Monobutyl		1490: 96 h Lepomis		1698 - 1940: 24 h Daphnia
Ether		macrochirus mg/L LC50	11/2/11	magna mg/L EC50 1000: 48
111-76-2	grand and the second	static 2950: 96 h Lepomis		h Daphnia magna mg/L
	The state of the s	macrochirus mg/L LC50	Table 1	EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Fusion Wax Revision Date:

Mobility

Chemical Name	Partition Coefficient
Ethylene Glycol Monobutyl Ether	0.81
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Γ	Chemical Name	CAS No	Weight-%	SARA 313 - Threshold
				Values %
E	Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	1-10	1.0

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether	X	X	X
111-76-2			age diseases to particular contract to

16. OTHER INFORMATION

NFPA_

Health Hazards

Flammability

Instability

Special Hazards

<u>HMIS</u>

Health Hazards

Flammability

0

Not determined Personal Protection

Physical Hazards

Not determined

Issue Date:

20-Mar-2018

Revision Date:

Revision Note:

New

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 06-Sep-2017

Revision Date: 17-Feb-2020

Version 5

1. IDENTIFICATION

Product Identifier

Product Name

FUSION BATH - BLUE & GREEN & PURPLE & RED & YELLOW

Other means of identification

Product Code

FUSION BATH BLUE 62115, BE615 FUSION BATH GREEN 62315, BE665 FUSION BATH PURPLE 62415, BE655 FUSION BATH RED 62015, BE625 FUSION BATH YELLOW 62215, BE645

UN/ID No

UN1760

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive care.

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Blue, Green, Purple, Red or Yellow liquid

Classification

Physical State Liquid

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Signal Word Danger

Hazard Statements

Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Rinse mouth

Do not induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant when the appropriate safety and approved waste disposal plant when the appropriate safety and approved waste disposal plant when the approximation are approximately approxima

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

ſ	Chemical Name	CAS No	Weight-%
J	Dodecyl benzene sulfonic acid	27176-87-0	10-25
I	Phosphoric Acid	7664-38-2	5-15
Ì	Ethylene Glycol Monobutyl Ether	111-76-2	<6
•			

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

poison center or doctor/physician.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash contaminated clothing before reuse. If skin irritation persists, call

a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Immediately call a poison center or doctor/physician. Artificial respiration and/or

oxygen may be necessary.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms

Causes severe skin burns and eye damage. Headache. Dizziness. Nausea.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Material is corrosive. The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products Phosphorus oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Contain spilled material if possible. Absorb with materials such as: Dirt. Sand. Sawdust.

Methods for Clean-Up

Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Follow all product label instructions. Use only as directed.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Store away from heat and incompatible materials.

Incompatible Materials

Store away from oxidizing agents/reducing agents. Sulfides. sulfites.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric Acid	STEL: 3 mg/m ³	TWA: 1 mg/m ³	IDLH: 1000 mg/m ³
7664-38-2	TWA: 1 mg/m ³	(vacated) TWA: 1 mg/m ³	TWA: 1 mg/m ³
		(vacated) STEL: 3 mg/m ³	STEL: 3 mg/m ³
Ethylene Glycol Monobutyl Ether	TWA: 20 ppm	TWA: 50 ppm	IDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³	TWA: 5 ppm
		(vacated) TWA: 25 ppm	TWA: 24 mg/m ³
		(vacated) TWA: 120 mg/m ³	_
		(vacated) S*	
		S* .	

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Eyewash

stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles.

Skin and Body Protection Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation **Respiratory Protection**

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Protective clothing and equipment should be in accordance with

29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

Appearance Blue, Green, Purple, Red or Yellow Odor Not determined Color Blue, Green, Purple, Red or Yellow **Odor Threshold** Not determined

Remarks · Method <u>Values</u> <u>Property</u>

pН 0.50-1.50 Melting Point/Freezing Point Not determined **Boiling Point/Boiling Range** > 100 °C / > 212 °F Flash Point Not applicable **Evaporation Rate** Not available Flammability (Solid, Gas) Liquid-not applicable

Upper Flammability Limits Not applicable **Lower Flammability Limit** Not applicable Not available Vapor Pressure Vapor Density Not available **Specific Gravity** 1.036-1.042

@ 25 °C (77 °F) (1=Water)

Not determined

Water Solubility Completely soluble Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined Kinematic Viscosity Not determined Dynamic Viscosity 40-100 cSt Not an explosive **Explosive Properties**

Oxidizing Properties

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Not expected to occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Store away from oxidizing agents/reducing agents. Sulfides. sulfites.

Hazardous Decomposition Products

Phosphorous oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Causes severe eye damage.

Skin Contact

Causes severe skin burns.

Inhalation

Avoid breathing vapors or mists.

Ingestion

May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	
Dodecyl benzene sulfonic acid 27176-87-0	= 500 mg/kg (Rat)		
Phosphoric Acid 7664-38-2	= 1530 mg/kg (Rat)	= 2730 mg/kg (Rabbit)	> 850 mg/m³ (Rat)1 h
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl	A3	Group 3		
Ether				
111-76-2				

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Dodecyl benzene sulfonic	29: 96 h Pseudokirchneriella	10.8: 96 h Oncorhynchus		5.88: 48 h Daphnia magna
acid	subcapitata mg/L EC50	mykiss mg/L LC50 static 3.5		mg/L EC50
27176-87-0		- 10: 96 h Brachydanio rerio		green produkteren beteken il.
y mentional desired		mg/L LC50 static		
Ethylene Glycol Monobutyl		1490: 96 h Lepomis		1698 - 1940: 24 h Daphnia
Ether		macrochirus mg/L LC50	الأبروان والمحافظ والوارد	magna mg/L EC50 1000: 48
111-76-2		static 2950: 96 h Lepomis	SAME A TOP TO SERVE	h Daphnia magna mg/L
		macrochirus mg/L LC50		EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Ethylene Glycol Monobutyl Ether	0.81
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Phosphoric Acid	Corrosive
7664-38-2	

14. TRANSPORTINFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances. Based on package size, product may be eligible for

limited quantity exception.

<u>DOT</u>

UN/ID No UN1760

Proper Shipping Name Corrosive liquid, n.o.s. (Phosphoric acid, Dodecylbenzene sulfonic acid)

Hazard Class 8
Packing Group II

IATA

UN/ID No UN1760

Proper Shipping Name Corrosive liquid, n.o.s. (Phosphoric acid, Dodecylbenzene sulfonic acid)

Hazard Class 8
Packing Group II

IMDG

UN/ID No UN1760

Proper Shipping Name Corrosive liquid, n.o.s. (Phosphoric acid, Dodecylbenzene sulfonic acid)

Hazard Class 8
Packing Group ||

Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Dodecyl benzene sulfonic acid	1000 lb		RQ 1000 lb final RQ
27176-87-0			RQ 454 kg final RQ
Phosphoric Acid	5000 lb		RQ 5000 lb final RQ
7664-38-2			RQ 2270 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	<5	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Dodecyl benzene sulfonic acid 27176-87-0 (15-25)	1000 lb			X
Phosphoric Acid 7664-38-2 (5-15)	5000 lb			X 144

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Dodecyl benzene sulfonic acid 27176-87-0	Х	×	X Victor
Phosphoric Acid 7664-38-2	X negative even	* * * * * * * * * * * * * * * * * * *	**************************************
Ethylene Glycol Monobutyl Ether 111-76-2	Х	X	A PART OF THE PART

16. OTHER INFORMATION

NFPA

HMIS

Health Hazards Not determined

Flammability Not determined

Instability Not determined

Special Hazards Not determined Physical Hazards Personal Protection

Health Hazards

Flammability

Not determined

Issue Date:

06-Sep-2017

Revision Date:

17-Feb-2020

Revision Note:

Addition of Green & Purple

Disclaimer

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End of Safety Data Sheet

Safety Data Sheet

Issue Date: 24-Jan-2014

Revision Date: 20-Feb-2019

Version 4

1. IDENTIFICATION

Product Identifier

Product Name

FUSION PRIME

LO pH BOOST

Other means of identification

SDS#

DSI-011

Product Code UN/ID No

24015, BE935

UN3264

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive care.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc. 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Blue liquid

Physical State Liquid

Classification

Acute toxicity - Inhalation	(Dusts/Mists)		Category 4	
Skin corrosion/irritation	1 7 (1111 1111		Category 1 Sub-category B	
Serious eye damage/eye i	irritation		Category 1	

Signal Word

Danger

Hazard Statements

Harmful if inhaled

Causes severe skin burns and eye damage



DSI-011 - FUSION PRIME LO pH BOOST

LO pH BOOST Revision Date: 20-Feb-2019

Precautionary Statements - Prevention

Use only outdoors or in a well-ventilated area

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Immediately call a poison center or doctor/physician

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Phosphoric Acid	7664-38-2	20-30
Sulfuric Acid	7664-93-9	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

poison center or doctor/physician.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash contaminated clothing before reuse. If skin irritation persists, call

a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Immediately call a poison center or doctor/physician. Artificial respiration and/or

oxygen may be necessary.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms Causes severe skin burns and eye damage. Headache. Dizziness. Nausea.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog), Foam, Dry chemical, Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Material is corrosive. The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products Phosphorus oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Contain spilled material if possible.

Absorb with materials such as: Dirt. Sand. Sawdust.

Methods for Clean-Up

Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Follow all product label instructions. Use only as directed. Use only outdoors or in a well-ventilated area.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked

up. Store away from heat and incompatible materials.

Incompatible Materials

Sulfides, sulfites, Oxidizing agents, Reducing agents,

LO pH BOOST Revision Date: 20-Feb-2019

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Phosphoric Acid	STEL: 3 mg/m ³	TWA: 1 mg/m ³	IDLH: 1000 mg/m ³
7664-38-2	TWA: 1 mg/m ³	(vacated) TWA: 1 mg/m ³	TWA: 1 mg/m ³
		(vacated) STEL: 3 mg/m ³	STEL: 3 mg/m ³
Sulfuric Acid	TWA: 0.2 mg/m3 thoracic	TWA: 1 mg/m ³	IDLH: 15 mg/m ³
7664-93-9	fraction	(vacated) TWA: 1 mg/m ³	TWA: 1 mg/m ³

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Eyewash

stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles.

Skin and Body Protection Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Protective clothing and equipment should be in accordance with

29 CFR 1910,132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid was the control of the contro

Appearance Blue liquid Odor Not determined Color Blue Qdor.Threshold Not determined

Property Values Remarks • Method

pH 0.10-1.00

Melting Point/Freezing Point

Boiling Point/Boiling Range
Flash Point

Evaporation Rate

Flammability (Solid Gas)

Not determined

> 100 °C / > 212 °F

Not applicable

Not available

Flammability (Solid, Gas)
Upper Flammability Limits
Lower Flammability Limit
Vapor Pressure
Vapor Density

Liquid-not applicable
Not applicable
Not available
Not available

Specific Gravity 1.200 @ 25 °C (77 °F) (1=Water)

Water Solubility Completely soluble Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined Not determined **Decomposition Temperature Kinematic Viscosity** Not determined Not determined **Dynamic Viscosity** Not an explosive **Explosive Properties** Not determined **Oxidizing Properties**

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Not expected to occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Sulfides. sulfites. Oxidizing agents. Reducing agents.

Hazardous Decomposition Products

Phosphorous oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Causes severe eye damage.

Skin Contact

Causes severe skin burns.

Inhalation

Harmful if inhaled.

Ingestion

Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	
Phosphoric Acid 7664-38-2	= 1530 mg/kg (Rat)	= 2730 mg/kg (Rabbit)	> 850 mg/m³ (Rat)1 h
Sulfuric Acid 7664-93-9	= 2140 mg/kg (Rat)	-	= 510 mg/m³ (Rat) 2 h

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Note: The agencies below have listed Strong Inorganic Acid Mists, Containing Sulfuric Acid as a known carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sulfuric Acid	A2	Group 1	Known	X
7664-93-9				

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

	Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
	Sulfuric Acid		500: 96 h Brachydanio rerio		29: 24 h Daphnia magna
L	7664-93-9		mg/L LC50 static	The spire of the first f	mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Phosphoric Acid 7664-38-2	Corrosive
Sulfuric Acid 7664-93-9	Тохіс Corrosive

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances. Based on package size, product may be eligible for

limited quantity exception.

DOT

UN/ID No UN3264

Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s. (phosphoric acid, sulfuric acid)

Hazard Class 8
Packing Group | |

IATA

UN/ID No UN3264

Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s. (phosphoric acid, sulfuric acid)

Hazard Class 8
Packing Group ||

<u>IMDG</u>

UN/ID No UN3264

Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s. (phosphoric acid, sulfuric acid)

Hazard Class 8
Packing Group II

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Phosphoric Acid	5000 lb		RQ 5000 lb final RQ
7664-38-2			RQ 2270 kg final RQ
Sulfuric Acid	1000 lb	1000 lb	RQ 1000 lb final RQ
7664-93-9			RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Sulfuric Acid - 7664-93-9	7664-93-9	<10	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Phosphoric Acid 7664-38-2 (20-30)	5000 lb			X 2, 22
Sulfuric Acid 7664-93-9 (<10)	1000 lb			*** X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Sulfuric Acid - 7664-93-9	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Phosphoric Acid 7664-38-2	X	X	
Sulfuric Acid 7664-93-9	X	×	Х

16. OTHER INFORMATION

NEPA

Health Hazards Not determined Flammability
Not determined

Instability
Not determined
Physical Hazards

Special Hazards
Not determined
Personal Protection

HMIS

Health Hazards

Flammability

'n.

Not determined

Issue Date:

24-Jan-2014 20-Feb-2019

Revision Date: Revision Note:

Name change to Fusion Prime

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



Safety Data Sheet

Issue Date: 27-Oct-2015 Revision Date: 08-Sep-2020 Version 7

1. IDENTIFICATION

Product Identifier

Product Name HP 300

Other means of identification

SDS#

Product Code UN/ID No

D277, BE835 UN3266

Recommended use of the chemical and restrictions on use

Recommended Use

Hard water presoak

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Yellow liquid

Physical State Liquid

Odor No appreciable odor

Classification

Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Signal Word Danger

Hazard Statements

Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Revision Date: 08-Sep-2020 HP 300

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium hydroxide	1310-73-2	5-10
Tetrasodium EDTA	64-02-8	15-25
Monoethanolamine	141-43-5	2-6

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.

Skin Contact Wash off immediately with plenty of water. Take off contaminated clothing. Wash

contaminated clothing before reuse.

Inhalation Remove to fresh air. Call a physician or poison control center immediately.

Ingestion Rinse mouth. Do not induce vomiting.

Most important symptoms and effects

Symptoms Contact will cause irritation and redness to exposed areas.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable solution.

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Revision Date: 08-Sep-2020

HP 300

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Wash thoroughly after handling. Use personal protection recommended in Section 8. Do

not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible Materials

Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

	Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
	Sodium hydroxide	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³	IDLH: 10 mg/m ³
	1310-73-2		(vacated) Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³
	Monoethanolamine	STEL: 6 ppm	TWA: 3 ppm	IDLH: 30 ppm
	141-43-5	TWA: 3 ppm	TWA: 6 mg/m ³	TWA: 3 ppm
-			(vacated) TWA: 3 ppm	TWA: 8 mg/m ³
			(vacated) TWA: 8 mg/m ³	STEL: 6 ppm
			(vacated) STEL: 6 ppm	STEL: 15 mg/m ³
L			(vacated) STEL: 15 mg/m ³	

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Wear eye/face protection.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Revision Date: 08-Sep-2020

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Appearance Color Liquid Yellow liquid Yellow

Odor Odor Threshold

Remarks • Method

No appreciable odor Not determined

Property Values

рΗ 13.0-13.8 Melting Point/Freezing Point Not determined **Boiling Point/Boiling Range** Not determined Flash Point Not determined **Evaporation Rate** Not determined Flammability (Solid, Gas) n/a-liquid **Upper Flammability Limits** Not determined Lower Flammability Limit Not determined Vapor Pressure Not determined **Vapor Density** Not determined **Specific Gravity** 1.212

Water Solubility Not determined Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined Kinematic Viscosity Not determined **Dynamic Viscosity** Not determined Not determined **Explosive Properties Oxidizing Properties** Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known based on information supplied.

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HP 300 Revision Date: 08-Sep-2020

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes severe eye damage.

Skin Contact Causes severe skin burns.

Inhalation Avoid breathing vapors or mists.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg(Rabbit)	
Tetrasodium EDTA 64-02-8	= 10 g/kg(Rat)		
Monoethanolamine 141-43-5	= 1720 mg/kg (Rat)	= 1 mL/kg (Rabbit) = 1025 mg/kg (Rabbit)	· · · · · · · · · · · · · · · · · · ·

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static		610: 24 h Daphnia magna mg/L EC50
Monoethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through		65: 48 h Daphnia magna mg/L EC50

HP 300 Revision Date: 08-Sep-2020

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Monoethanolamine	-1.91
141-43-5	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

	hemical Name	California Hazardous Waste Status	
S	odium hydroxide	Toxic Corrosive	
1	1310-73-2	Corrosive	The first teach

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT

UN/ID No UN3266

Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, monoethanolamine)

Hazard Class 8
Packing Group ||

IATA

UN/ID No UN3266

Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, monoethanolamine)

Hazard Class 8
Packing Group ||

IMDG

UN/ID No UN3266

Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, monoethanolamine)

Hazard Class
Packing Group

Marine Pollutant This material may meet the definition of a marine pollutant

:

Revision Date: 08-Sep-2020

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide	1000 lb		RQ 1000 lb final RQ
1310-73-2			RQ 454 kg final RQ

SARA 313

Not determined

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide 1310-73-2 (10-20)	1000 lb			X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65	
Diethanolamine 111-42-2	Carcinogen	

This product also contains a chemical that is at or below California Proposition 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hydroxide 1310-73-2	Х	X	X
Monoethanolamine 141-43-5	Х	X	X

16. OTHER INFORMATION

Health Hazards NEPA Flammability Not determined Not determined Not determined **HMIS Health Hazards Flammability**

Not determined Not determined Not determined

Instability **Physical Hazards** Special Hazards Not determined **Personal Protection** Not determined

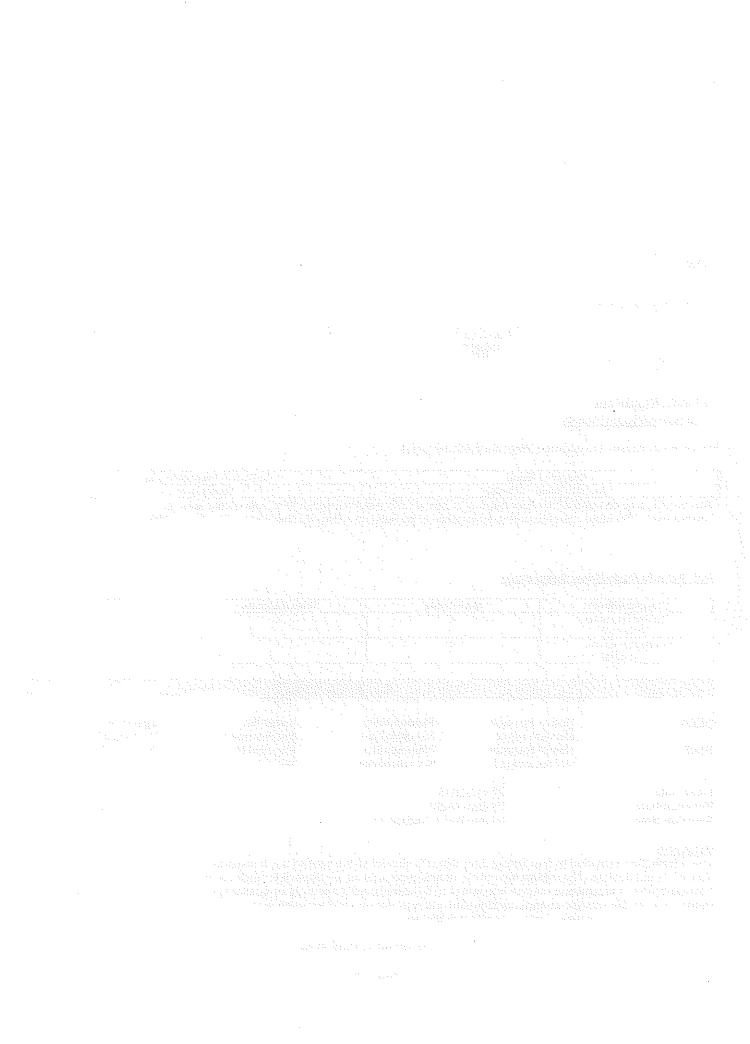
Issue Date: **Revision Date:** 27-Oct-2015 08-Sep-20220

Revision Note: Information in Section 15

Disclaimer

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End of Safety Data Sheet



Safety Data Sheet

Issue Date: 23-Jan-2013 Revision Date: 29-Jan-2019 Version 4

1. IDENTIFICATION

Product Identifier

Product Name

X55

Other means of identification

SDS#

DSI-058

Product Code

2705, 27015, 27030, 27055

Recommended use of the chemical and restrictions on use

Recommended Use

Drying agent.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Green liquid

Physical State Liquid

Odor No appreciable odor

Classification

Acute toxicity - Inhalation (Vapors)

Category 4

Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin Causes mild skin irritation

Signal Word Warning

Hazard Statements

Harmful if inhaled



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area

DSI-058 - X55 Revision Date: 29-Jan-2019

Precautionary Statements - Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell

Other Hazards

Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity

12.8% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	
Petroleum distillates, hydrotreated middle	64742-46-7	15-25 ···	
Ethylene Glycol Monobutyl Ether	111-76-2	1-10	
Isopropyl alcohol	67-63-0	****** ******* <5 /*	

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If

eye irritation persists: Get medical advice/attention.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Wash skin thoroughly

with mild soap and water. If skin irritation persists, call a physician.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. Call a physician if you feel

unwell.

Ingestion Seek medical attention immediately. If conscious give 2 glasses of water to dilute. Never

give anything by mouth to an unconscious person. Do not induce vomiting.

Most important symptoms and effects

Symptoms May cause skin and eye irritation. Inhalation symptoms may include dizziness and

headache. Nausea.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

DSI-058 - X55 Revision Date: 29-Jan-2019

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental Precautions

Discharge into the environment must be avoided.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up

Contain and collect with an inert absorbent and place into an appropriate container for disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Avoid breathing vapors or mists. Use only in well-ventilated areas. Use in accordance with product label instructions. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store at high

temperatures.

Incompatible Materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether	TWA: 20 ppm	TWA: 50 ppm	JDLH: 700 ppm
111-76-2		TWA: 240 mg/m ³	TWA: 5 ppm
		(vacated) TWA: 25 ppm	TWA: 24 mg/m ³
		(vacated) TWA: 120 mg/m ³	
		(vacated) S*	State Addition of the Arthur
		S*	
Isopropyl alcohol	STEL: 400 ppm	TWA: 400 ppm	IDLH: 2000 ppm
67-63-0	TWA: 200 ppm	TWA: 980 mg/m ³	TWA: 400 ppm
		(vacated) TWA: 400 ppm	TWA: 980 mg/m ³
		(vacated) TWA: 980 mg/m ³	STEL: 500 ppm
		(vacated) STEL: 500 ppm	STEL: 1225 mg/m ³
		(vacated) STEL: 1225 mg/m ³	· .

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Splash goggles or safety glasses.

Skin and Body Protection

Wear protective gloves. Wear protective clothing to minimize skin contact.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Revision Date: 29-Jan-2019 DSI-058 - X55

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Appearance

Liquid Green liquid

Odor

No appreciable odor

Color

Green

Odor Threshold

Remarks • Method

Not determined

Property рH

<u>Values</u> 4.50-7.50

Not determined

Melting Point/Freezing Point **Boiling Point/Boiling Range**

> 100 °C / >212 °F

Flash Point **Evaporation Rate** Flammability (Solid, Gas) Not determined Not available n/a-liquid Not determined

Lower Flammability Limit Vapor Pressure Vapor Density

Upper Flammability Limits

Not determined Not available Not available

Completely soluble

Specific Gravity 0.930 (1=Water)

Water Solubility Solubility in other solvents **Partition Coefficient Auto-ignition Temperature Decomposition Temperature**

Not determined Not determined Not determined Not determined **Kinematic Viscosity** Not determined **Dynamic Viscosity** 35 cSt

Explosive Properties Oxidizing Properties

Not determined Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

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DSI-058 - X55 Revision Date: 29-Jan-2019

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes.

Skin Contact

May be harmful in contact with skin. Causes mild skin irritation.

Inhalation

Harmful if inhaled.

Ingestion

Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated middle 64742-46-7	= 7400 mg/kg(Rat)	> 2000 mg/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg(Rat)= 220 mg/kg(Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h
Isopropyl alcohol 67-63-0	= 4396 mg/kg (Rat)	= 12800 mg/kg(Rat)= 12870 mg/kg(Rabbit)	= 72.6 mg/L (Rat) 4 h

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl Ether 111-76-2	А3	Group 3		
Isopropyl alcohol 67-63-0		Group 3	\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Aspiration hazard

May be fatal if swallowed and enters airways.

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

12.8% of the mixture consists of ingredient(s) of unknown toxicity.

DSI-058 - X55 Revision Date: 29-Jan-2019

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Petroleum distillates,		35: 96 h Pimephales]
hydrotreated middle		promelas mg/L LC50 flow-		
64742-46-7		through 10000: 96 h		
		Pimephales prometas mg/L		
		LC50 static		
Ethylene Glycol Monobutyl		1490: 96 h Lepomis		1698 - 1940: 24 h Daphnia
Ether		macrochirus mg/L LC50		magna mg/L EC50 1000: 48
111-76-2		static 2950: 96 h Lepomis		h Daphnia magna mg/L
		macrochirus mg/L LC50	,	EC50
Isopropyl alcohol	1000: 96 h Desmodesmus	9640: 96 h Pimephales		13299: 48 h Daphnia magna
67-63-0	subspicatus mg/L EC50	promelas mg/L LC50 flow-		mg/L EC50
	1000: 72 h Desmodesmus	through 11130: 96 h		
	subspicatus mg/L EC50	Pimephales promelas mg/L		
		LC50 static 1400000: 96 h		545
		Lepomis macrochirus µg/L		
5.		LC50	A.3	

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Ethylene Glycol Monobutyl Ether 111-76-2	
Isopropyl alcohol 67-63-0	

Other Adverse Effects

Not determined

13 DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

	and the second s
Chemical Name	California Hazardous Waste Status
Isopropyl alcohol	Toxic
67-63-0	Ignitable

Revision Date: 29-Jan-2019

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

<u>DOT</u>

Not regulated

IATA

Not regulated

IMDG

Marine Pollutant

This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	1-10	1.0
Isopropyl alcohol - 67-63-0	67-63-0	<5	1.0

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Methyl chloride - 74-87-3	Developmental
	Male Reproductive

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether 111-76-2	X	X	Х
Isopropyl alcohol 67-63-0	Х	X	Х

DSI-058 - X55 Revision Date: 29-Jan-2019

16. OTHER INFORMATION

NFPA Health Hazards Flammability Instability Special Hazards
1 1 0 Not determined

HMISHealth HazardsFlammabilityPhysical HazardsPersonal Protection110Not determined

 Issue Date:
 23-Jan-2013

 Revision Date:
 29-Jan-2019

Revision Note: See Section 3 & Section 15

<u>Disclaimer</u>

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 20-Mar-2013

Revision Date: 08-June-2015

Version 2

1. IDENTIFICATION

Product Identifier

Product Name

PROTECT *2X*

Other means of identification

SDS#

DSI-047

Product Code

PROTECT *2X*: D421, D422, D423, D427, D429, BE425

UN/ID No UN1219

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive Care Products.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Blue liquid

Physical State Liquid

Odor Vanilla

Classification

Acute toxicity - Inhalation (Vapors)	Category 4
Flammable Liquids	Category 3

Signal Word Warning

Hazard Statements

Harmful if inhaled Flammable liquid and vapor



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a poison center or doctor/physician if you feel unwell

IN CASE OF FIRE: Use CO2, dry chemical, or alcohol resistant foam to extinguish.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

23.4% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated middle	64742-46-7	10-25
Isopropyl Alcohol	67-63-0	1-10
Methyl chloride	74-87-3	<1

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

Get medical advice/attention.

Skin Contact IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before

reuse. If skin irritation persists, call a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Artificial respiration and/or oxygen may be necessary. Call a poison center or

doctor/physician if you feel unwell.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms

Headache. Dizziness. Nausea. Direct contact may cause skin or eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Sand/earth. Alcohol resistant foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Flammable liquid and vapor.

Hazardous Combustion Products None known.

Sensitivity to Static Discharge Take precautionary measures against static discharge.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for Clean-Up

Transfer liquid and solid material into suitable containers in accordance with local, state and federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Follow all product label instructions. Use only as directed. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use non-sparking hand tools and explosion-proof electrical equipment. Take precautionary measures against static discharges.

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Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away

from heat and incompatible materials.

Incompatible Materials Store away from oxidizing agents/reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol	STEL: 400 ppm	TWA: 400 ppm	IDLH: 2000 ppm
67-63-0	TWA: 200 ppm	TWA: 980 mg/m ³	TWA: 400 ppm
1		(vacated) TWA: 400 ppm	TWA: 980 mg/m ³
		(vacated) TWA: 980 mg/m ³	STEL: 500 ppm
		(vacated) STEL: 500 ppm	STEL: 1225 mg/m ³
		(vacated) STEL: 1225 mg/m ³	·
Methyl chloride	STEL: 100 ppm	TWA: 100 ppm	IDLH: 2000 ppm
74-87-3	TWA: 50 ppm	(vacated) TWA: 50 ppm	949
Ī	S*	(vacated) TWA: 105 mg/m ³	
	•	(vacated) STEL: 100 ppm	
		(vacated) STEL: 210 mg/m ³	
		Ceiling: 200 ppm	

Appropriate engineering controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits. Eyewash

stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Chemical anti-splash safety goggles.

Skin and Body Protection

Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation

our defective paratitus is not all reduktion in religio pagaigne an

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Protective clothing and equipment should be in

accordance with 29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Appearance Liquid

Odor

Vanilla

Color

Blue liquid Blue

Odor Threshold

Not determined

Property

<u>Values</u> 5.5-7.0

Remarks • Method

pH Melting Point/Freezing Point

Not determined > 100 °C / > 212 °F

Boiling Point/Boiling Range Flash Point Evaporation Rate

~ 41 °C / ~ 105 °F Not available

Flammability (Solid, Gas) Upper Flammability Limits Lower Flammability Limit Liquid-not applicable Not applicable Not applicable Not available Not available

Vapor Pressure Vapor Density DSI-047 - PROTECT *2X*

Revision Date: 08-June-2015

Specific Gravity 0.915-0.960 @ 25 °C (77 °F) (1=Water)

Water Solubility Completely soluble Solubility in other solvents Not determined **Partition Coefficient** Not determined Auto-ignition Temperature Not determined **Decomposition Temperature** Not determined Kinematic Viscosity Not determined **Dynamic Viscosity** 30-65 cSt **Explosive Properties** Not an explosive **Oxidizing Properties** Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Store away from oxidizing agents/reducing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Harmful if inhaled.

Ingestion Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	
7732-18-5			HH21,511
Petroleum distillates, hydrotreated	= 7400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h
middle			
64742-46-7		The Ages	The second of th
Isopropyl Alcohol	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rat) = 12870	= 72.6 mg/L (Rat)4 h
67-63-0		mg/kg(Rabbit)	,
Methyl chloride	= 1800 mg/kg (Rat)		= 5.3 mg/L (Rat) 4 h
74-87-3			

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl Alcohol		Group 3		X
67-63-0				
Methyl chloride		Group 3		·
74-87-3				

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

23.4% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates,		35: 96 h Pimephales		
hydrotreated middle		promelas mg/L LC50 flow-		:
64742-46-7		through 10000; 96 h		
		Pimephales promelas mg/L		
		LC50 static		
Isopropyl Alcohol	1000: 96 h Desmodesmus	9640: 96 h Pimephales		13299: 48 h Daphnia magna
67-63-0	subspicatus mg/L EC50	promelas mg/L LC50 flow-		mg/L EC50
	1000: 72 h Desmodesmus	through 11130: 96 h	1.4	all a second and the
	subspicatus mg/L EC50	Pimephales promelas mg/L		
		LC50 static 1400000: 96 h	·	e e esta pressoa a
		Lepomis macrochirus µg/L		
		LC50		
Methyl chloride		550: 96 h Lepomis		
74-87-3		macrochirus mg/L LC50		
		static		

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Isopropyl Alcohol 67-63-0	0.05
Methyl chloride 74-87-3	0.91

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

US EPA Waste Number

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methyl chloride	U045	Included in waste streams:		U045
74-87-3	wayes and a second	F024, F025, F039, K009,		
	1. 法批准等等。实验	K010, K149, K150, K157		

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Methyl chloride 74-87-3	Category I - Volatiles		Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status	
Isopropyl Alcohol	Toxic	
67-63-0	lgnitable	
Methyl chloride	Toxic	
74-87-3	Ignitable	

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Based on package size, product may be eligible for limited quantity exception. DOT Ground - "Non-bulk shipments may be non-regulated per 49CFR 173.150(f)(2)".

DOT

UN/ID No

UN1219

Proper Shipping Name

Isopropyl alcohol solution

Hazard Class Packing Group 3 III

IATA

UN/ID No

UN1219

Proper Shipping Name

Isopropyl alcohol solution

Hazard Class Packing Group 3 III

IMDG

UN/ID No

UN1219

Proper Shipping Name

Isopropyl alcohol solution

Hazard Class
Packing Group

3 III

Marine Pollutant

This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name		Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Methyl chloride		100 lb 1 lb		RQ 100 lb final RQ
74-87-3	- N. 1155			RQ 45.4 kg final RQ RQ 1 lb final
				RQ
				RQ 0.454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Isopropyl Alcohol - 67-63-0	67-63-0	1-10	1.0
Methyl chloride - 74-87-3	74-87-3	<1	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

	Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
ſ	Methyl chloride		X	Х	
1	74-87-3 (<1)				

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name California Proposition 65		
Methyl chloride - 74-87-3	Developmental	
, and the second	Male Reproductive	

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X
Methyl chloride 74-87-3	X	Х	Х

16. OTHER INFORMATION

NFPA HMIS Health Hazards Not determined Health Hazards

Flammability
Not determined
Flammability

Instability
Not determined
Physical Hazards

Special Hazards
Not determined
Personal Protection
Not determined

Issue Date:

Revision Date:

Revision Note:

20-Mar-2013 08-June-2015 New Product Code

Disclaimer

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End of Safety Data Sheet

Safety Data Sheet

Issue Date: 13-Mar-2014

Revision Date: 13-Jul-2017

Version 3

1. IDENTIFICATION

Product Identifier

Product Name

Results *2X* And Results Ultra *3X*

Other means of identification

SDS#

DSI-074

Product Code

UN/ID No

Results *2X*: D151, D152, D153, D157, D159

Results Ultra *3X*: BE905

UN3265

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive care.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number Emergency Telephone (24 hr)

800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Red liquid

Physical State Liquid

Odor No appreciable odor

Classification

Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Revision Date: 13-Jul-2017

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

20% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Urea Hydrochloride	506-89-8	10-20
Iminodisuccinic Acid Tetrasodium Salt	144538-83-0	5-15

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Rinse immediately with plenty of water, also under the eyelids, **Eye Contact**

for at least 15 minutes. Seek immediate medical

attention/advice.

Wash off immediately with plenty of water for at least 15 **Skin Contact**

minutes. Wash skin thoroughly with mild soap and water. If skin

irritation persists, call a physician.

Remove to fresh air. If not breathing, give artificial respiration. Inhalation

Call a physician immediately.

Seek medical attention immediately. If conscious give 2 glasses Ingestion

of water to dilute. Never give anything by mouth to an

unconscious person. Do not induce vomiting.

Most important symptoms and effects

Inhalation symptoms may include dizziness and headache. Symptoms

Nausea. Contact will cause irritation and redness to exposed

areas.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam, Dry chemical, Sand/earth.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. **Personal Precautions**

Environmental Precautions Discharge into the environment must be avoided.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Contain and collect with an inert absorbent and place into an Methods for Clean-Up appropriate container for disposal. Dispose of in accordance

Revision Date: 13-Jul-2017

with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety

practice. Use in accordance with product label instructions. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after

handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated

place. Do not store at high temperatures. Store locked up.

Incompatible Materials Strong oxidizing agents. DSI-074 - Results *2X* And Results Ultra *3X*

Revision Date: 13-Jul-2017

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. **Engineering Controls**

Individual protection measures, such as personal protective equipment

Eye/Face Protection Splash goggles or safety glasses.

Skin and Body Protection Wear protective gloves. Wear protective clothing to minimize

skin contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety

practice.

Liquid

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Appearance Red liquid Odor No appreciable odor Color Red **Odor Threshold** Not determined

Property **Values** Remarks • Method

1.00-1.50 На **Melting Point/Freezing Point** Not determined **Boiling Point/Boiling Range** > 100 °C / >212 °F Flash Point Not available

Evaporation Rate Not available Flammability (Solid, Gas) n/a-liquid **Upper Flammability Limits** Not available **Lower Flammability Limit** Not available Not available Vapor Pressure **Vapor Density** Not available **Specific Gravity** 1.088-1.135

(1=Water)

Completely soluble Water Solubility Not determined Solubility in other solvents **Partition Coefficient** Not determined

DSI-074 - Results *2X* And Results Ultra *3X*

Auto-ignition Temperature Decomposition Temperature Kinematic Viscosity Dynamic Viscosity

Not determined Not determined Not determined Not determined

Explosive Properties
Oxidizing Properties

Not determined Not determined Revision Date: 13-Jul-2017

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Causes severe eye damage.

Skin Contact

Causes severe skin burns.

Inhalation

Avoid breathing vapors or mists.

Ingestion

Do not taste or swallow.

Component Information

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Revision Date: 13-Jul-2017

Delayed and immediate effects as well as chronic effects from short and long-term exposure

This product does not contain any carcinogens or potential Carcinogenicity

carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

20% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

CONSIDERATIONS

Waste Treatment Methods

Disposal should be in accordance with applicable regional, **Disposal of Wastes**

national and local laws and regulations.

Disposal should be in accordance with applicable regional, **Contaminated Packaging**

national and local laws and regulations.

14. TRANSPORT INFORMATION

Please see current shipping paper for most up to date shipping **Note**

information, including exemptions and special circumstances.

DOT

UN/ID No UN3265

Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s. (acid salts)

Hazard Class Packing Group

<u>IATA</u>

UN/ID No UN3265

Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s. (acid salts)

Page 6/7

DSI-074 - Results *2X* And Results Ultra *3X*

Hazard Class

8 III

IMDG

UN/ID No

UN3265

Proper Shipping Name

Corrosive liquid, acidic, organic, n.o.s. (acid salts)

Hazard Class Packing Group

Packing Group

III

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Not determined

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Not determined

16. OTHER INFORMATION

NFPA

Health Hazards

Flammability

Instability

Special Hazards

HMIS

Health Hazards

Flammability

Physical Hazards

Not determined Personal Protection

Revision Date: 13-Jul-2017

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Not determined

Issue Date: Revision Date: 13-Mar-2014

Revision Note:

13-Jul-2017

Information in Section 15

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 24-Jan-2013

Revision Date: 04-Aug-2020

Version 4

1. IDENTIFICATION

Product Identifier

Product Name

SENSATIONS BLUE *2X*

Other means of identification

SDS#

DSI-038

Product Code

SENSATIONS BLUE *2X*: D507, D503, BE505

Recommended use of the chemical and restrictions on use

Recommended Use

Liquid automotive body soap/conditioner.

Details of the supplier of the safety data sheet

Supplier Address
Diamond Shine, Inc.

Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Blue liquid

Physical State Liquid

Odor Blueberry

Classification

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Other Hazards

Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity

3% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	
Sodium dodecyl benzene sulphonate	25155-30-0	15-20	

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

Revision Date: 04-Aug-2020

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

Get medical advice/attention.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash contaminated clothing before reuse. If skin irritation persists, call

a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Artificial respiration and/or oxygen may be necessary. Call a physician.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms Headache. Dizziness. Nausea. May cause skin and eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Personal Precautions Use personal protective equipment as required.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain spilled material if possible.

Absorb with materials such as: Dirt. Sand. Sawdust.

Methods for Clean-Up Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

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Revision Date: 04-Aug-2020

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Follow all

product label instructions. Use only as directed.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away

from heat.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles.

Protective gloves. Wear suitable protective clothing to prevent contact with skin. Skin and Body Protection

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation Respiratory Protection

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Protective clothing and equipment should be in accordance with

Odor

29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Liquid **Appearance** Blue liquid

Blueberry Color Blue Odor Threshold Not determined

Property <u>Values</u> Remarks • Method

pН 2.3-4.0

Melting Point/Freezing Point Not determined **Boiling Point/Boiling Range** > 100 °C / > 212 °F Flash Point Not applicable **Evaporation Rate** Not available

Flammability (Solid, Gas) Liquid-not applicable **Upper Flammability Limits** Not applicable Lower Flammability Limit Not applicable Vapor Pressure Not available Vapor Density Not available

Specific Gravity 1.028-1.031 **Water Solubility** Completely soluble

Solubility in other solvents Not determined @ 25 °C (77 °F) (1=Water)

Partition Coefficient
Auto-ignition Temperature
Decomposition Temperature
Kinematic Viscosity
Not determined
Not determined
Not determined
Not determined
Not determined
Not determined

Not an explosive

Not determined

10. STABILITY AND REACTIVITY

Revision Date: 04-Aug-2020

Reactivity

Not reactive under normal conditions.

Chemical Stability

Explosive Properties

Oxidizing Properties

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Avoid breathing vapors or mists.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50		
Water	> 90 mL/kg (Rat)				
7732-18-5		n marke de Baltin			
Sodium dodecyl benzene	= 438 mg/kg (Rat)				
sulphonate		44 人名 IN I			
25155-30-0					

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Revision Date: 04-Aug-2020

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

3% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium dodecyl benzene		10.8: 96 h Oncorhynchus		
sulphonate		mykiss mg/L LC50 static		
 25155-30-0				

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG

Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

DSI-038 - SENSATIONS BLUE *2X* Revision Date: 04-Aug-2020

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium dodecyl benzene	1000 lb		RQ 1000 lb final RQ
sulphonate			RQ 454 kg final RQ
25155-30-0			

SARA 313

Not determined

CWA (Clean Water Act)

Component	CWA - Reportable	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous
	Quantities			Substances
Sodium dodecyl benzene	1000 lb		lander) transfer	X Harris X
sulphonate				
25155-30-0 (10-20)	<u> </u>			

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium dodecyl benzene	X	X	X
sulphonate			
25155-30-0			

DSI-038 - SENSATIONS BLUE *2X*

Revision Date: 04-Aug-2020

16. OTHER INFORMATION

NFPA_

HMIS

Health Hazards Not determined

Health Hazards

Flammability Not determined Flammability Instability
Not determined
Physical Hazards

Special Hazards
Not determined
Personal Protection
Not determined

Issue Date:

24-Jan-2013 04-Aug-2020

Revision Date: Revision Note:

Revised Product Codes

Disclaimer

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End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 24-Jan-2013

Revision Date: 04-Aug-2020

Version 4

1. IDENTIFICATION

Product Identifier

Product Name

SENSATIONS GOLD *2X*

Other means of identification

SDS#

DSI-039

Product Code

SENSATIONS GOLD *2X*: D527, D523, BE525

Recommended use of the chemical and restrictions on use

Recommended Use

Liquid automotive body soap/conditioner.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number Emergency Telephone (24 hr) 800-843-7627

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Yellow liquid

Physical State Liquid

Odor Banana

Classification

Skin sensitization

Category 1

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

<u>Signal Word</u> Warning

Hazard Statements

May cause an allergic skin reaction



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity

3% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium dodecyl benzene sulphonate	25155-30-0	15-20
Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine	4719-04-4	<1

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

Revision Date: 04-Aug-2020

Get medical advice/attention.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash

occurs: Get medical advice/attention.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Artificial respiration and/or oxygen may be necessary. Call a physician.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms Headache. Dizziness. Nausea. May cause an allergic skin reaction. May cause skin and

eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

D- -- 0.10

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Revision Date: 04-Aug-2020

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain spilled material if possible.

Absorb with materials such as: Dirt. Sand. Sawdust.

Methods for Clean-Up

Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Follow all product label instructions. Use only as

directed. Contaminated work clothing should not be allowed out of the workplace.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep away

from heat.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Chemical anti-splash safety goggles.

Skin and Body Protection

Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Protective clothing and equipment should be in accordance with 29 CFR

1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid -

Appearance Yellow liquid Color Yellow

Odor

Banana

Odor Threshold

Not determined

Values Remarks • Method **Property** 10.0-11.0 - Alexandri (1-a)

Hq Melting Point/Freezing Point **Boiling Point/Boiling Range**

Not determined > 100 °C / > 212 °F Flash Point Not applicable **Evaporation Rate** Not available Flammability (Solid, Gas) Liquid-not applicable

Upper Flammability Limits Not applicable Lower Flammability Limit Not applicable Vapor Pressure Not available Vapor Density Not available

Specific Gravity 1.033-1.036

Water Solubility Completely soluble Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined Kinematic Viscosity Not determined **Dynamic Viscosity** Not determined Not an explosive **Explosive Properties Oxidizing Properties** Not determined

@ 25 °C (77 °F) (1=Water)

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

OLD *2X* Revision Date: 04-Aug-2020

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Avoid contact with eyes.

Skin Contact

May cause an allergic skin reaction.

Inhalation

Avoid breathing vapors or mists.

Ingestion

May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	•	
Sodium dodecyl benzene sulphonate 25155-30-0	= 438 mg/kg (Rat)		•
Hexahydro-1,3,5-tris(2- hydroxyethyl)-S-triazine 4719-04-4	= 763 mg/kg(Rat)	> 2 g/kg(Rat)	el est

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization

May cause an allergic skin reaction.

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

3% of the mixture consists of ingredient(s) of unknown toxicity.

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12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium dodecyl benzene sulphonate 25155-30-0		10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	- A. H	
Hexahydro-1,3,5-tris(2- hydroxyethyl)-S-triazine 4719-04-4			EC50 = 28.9 mg/L 15 min	

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal should be in accordance with applicable regional, national and local laws and **Disposal of Wastes**

regulations.

Disposal should be in accordance with applicable regional, national and local laws and **Contaminated Packaging**

regulations.

14. TRANSPORT INFORMATION

Please see current shipping paper for most up to date shipping information, including <u>Note</u>

exemptions and special circumstances.

Not regulated DOT

Not regulated IATA

IMDG

This material may meet the definition of a marine pollutant **Marine Pollutant**

15. REGULATORY INFORMATION

Revision Date: 04-Aug-2020

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium dodecyl benzene	1000 lb		RQ 1000 lb final RQ
sulphonate			RQ 454 kg final RQ
25155-30-0			_

SARA 313

Not determined

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium dodecyl benzene	1000 lb			X
sulphonate	ĺ			
25155-30-0 (10-20)				

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium dodecyl benzene	X	x	X
sulphonate			
25155-30-0			

16. OTHER INFORMATION

NFPA

Health Hazards Not determined

Flammability Not determined **Flammability**

Instability Not determined **Physical Hazards**

Special Hazards Not determined **Personal Protection**

Revision Date: 04-Aug-2020

HMIS

Health Hazards

2

Not determined

Issue Date: **Revision Date:** 24-Jan-2013 04-Aug-2020

Revision Note:

Revised Product Codes

Disclaimer

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End of Safety Data Sheet

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Safety Data Sheet

Issue Date: 24-Jan-2013

Revision Date: 04-Aug-2020

Version 4

1. IDENTIFICATION

Product Identifier

Product Name

SENSATIONS RED *2X*

Other means of identification

SDS#

DSI-040

Product Code

SENSATIONS RED *2X*: D547, D543, BE545

Recommended use of the chemical and restrictions on use

Recommended Use

Liquid automotive body soap/conditioner.

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number Emergency Telephone (24 hr) 800-843-7627

hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Red liquid

Physical State Liquid

Odor Cherry

Classification

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Other Hazards

Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity

3% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

I	Chemical Name	CAS No	Weight-%
	Sodium dodecyl benzene sulphonate	25155-30-0	15-20

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

Revision Date: 04-Aug-2020

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

Get medical advice/attention.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash contaminated clothing before reuse. If skin irritation persists, call

a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Artificial respiration and/or oxygen may be necessary. Call a physician.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

Most important symptoms and effects

Symptoms Headache. Dizziness. Nausea. May cause skin and eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products Not determined.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information, See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain spilled material if possible.

Absorb with materials such as: Dirt. Sand. Sawdust.

Methods for Clean-Up Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

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Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Follow all

product label instructions. Use only as directed.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep away

from heat.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles.

Skin and Body Protection Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Protective clothing and equipment should be in accordance with

29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid **Appearance** Red liquid Odor Cherry

Odor Threshold Color Red Not determined

Property Values Remarks • Method

2.3-4.0 pН Melting Point/Freezing Point Not determined

Boiling Point/Boiling Range > 100 °C / > 212 °F Flash Point Not applicable **Evaporation Rate** Not available

Flammability (Solid, Gas) Liquid-not applicable **Upper Flammability Limits** Not applicable Not applicable **Lower Flammability Limit**

Vapor Pressure Not available Vapor Density Not available **Specific Gravity** 1.029-1.032

@ 25 °C (77 °F) (1=Water) Completely soluble Water Solubility

Solubility in other solvents Not determined Revision Date: 04-Aug-2020

Partition Coefficient Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined **Kinematic Viscosity** 50-70 cst @25 Deg. C Dynamic Viscosity Not determined **Explosive Properties** Not an explosive **Oxidizing Properties** Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Avoid contact with eyes. **Eye Contact**

Skin Contact Avoid contact with skin.

Inhalation Avoid breathing vapors or mists.

Ingestion May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg(Rat)		
7732-18-5	- ' '		
Sodium dodecyl benzene	= 438 mg/kg (Rat)	4.	
sulphonate			
25155-30-0			

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Revision Date: 04-Aug-2020

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Numerical measures of toxicity

Not determined

Unknown Acute Toxicity

3% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium dodecyl benzene		10.8: 96 h Oncorhynchus		A STATE OF THE STA
sulphonate		mykiss mg/L LC50 static		
25155-30-0				•

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Please see current shipping paper for most up to date shipping information, including Note

exemptions and special circumstances.

DOT Not regulated

Not regulated IATA

IMDG

Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

	Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ì	Sodium dodecyl benzene	1000 lb		RQ 1000 lb final RQ
ļ	sulphonate	•		RQ 454 kg final RQ
1	25155-30-0			

Revision Date: 04-Aug-2020

SARA 313

Not determined

CWA (Clean Water Act)

Component	CWA - Reportable	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous
	Quantities			Substances
Sodium dodecyl benzene	1000 lb		(4)	X
sulphonate			·	
25155-30-0 (10-20)	· ·			

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium dodecyl benzene	X	X	X
sulphonate			
25155-30-0		ALC: N	

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16. OTHER INFORMATION

NFPA

HMIS

Health Hazards Not determined Health Hazards Flammability
Not determined
Flammability

Instability Not determined Physical Hazards Special Hazards
Not determined
Personal Protection
Not determined

Revision Date: 04-Aug-2020

Issue Date:

24-Jan-2013 04-Aug-2020

Revision Date: Revision Note:

Revised Product Codes

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Safety Data Sheet

Issue Date: 30-Aug-2016

Revision Date: 11-Dec-2018

Version 3

1. IDENTIFICATION

Product Identifier

Product Name

TPR 100 *2X*

Other means of identification

SDS#

Product Code

D173, D177, BE175

UN/ID No UN3266

Recommended use of the chemical and restrictions on use

Recommended Use

Automotive care

Details of the supplier of the safety data sheet

Supplier Address Diamond Shine, Inc 1340 E. 289th St Wickliffe, OH 44092

Emergency Telephone Number

Company Phone Number

800-843-7627

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Bluish green liquid

Physical State Liquid

Odor Slight chemical

Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

Signal Word Danger

Hazard Statements

Causes severe skin burns and eye damage



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Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician IF SWALLOWED: rinse mouth. Do NOT induce vomiting Immediately call a poison center or doctor/physician

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Ethylene Glycol Monobutyl Ether	111-76-2	5-10
Caustic Soda	1310-73-2	<5
Tetrasodium EDTA	64-02-8	10-15

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

poison center or doctor/physician.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower. Wash contaminated clothing before reuse. If skin irritation persists, call

a physician.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. Immediately call a poison center or doctor/physician. Artificial respiration and/or

oxygen may be necessary.

Ingestion IF SWALLOWED: call a poison control center or physician immediately. If conscious give 2

glasses of water to dilute. Never give anything by mouth to an unconscious person. Do not

induce vomiting.

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Most important symptoms and effects

Symptoms Causes severe skin burns and eye damage. Headache. Dizziness. Nausea.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Material is corrosive. The product is not expected to present any fire or explosion hazards under prescribed use conditions.

Hazardous Combustion Products None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain spilled material if possible.

Absorb with materials such as: Dirt. Sand. Sawdust.

Methods for Clean-Up Transfer liquid and solid material into suitable containers in accordance with local, state and

federal regulations for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Follow all product label instructions. Use only as directed.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked

up. Store away from heat and incompatible materials.

Incompatible Materials Acids. Soft metals. Store away from oxidizing agents/reducing agents.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m³
Caustic Soda 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m³ (vacated) Ceiling: 2 mg/m³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Eyewash

stations. Showers.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Chemical anti-splash safety goggles.

Skin and Body Protection Protective gloves. Wear suitable protective clothing to prevent contact with skin.

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation Respiratory Protection

wear respiratory protection.

General Hygiene Considerations Wash contaminated clothing before reuse. Wash face, hands and any exposed skin

thoroughly after handling. Protective clothing and equipment should be in accordance with

29 CFR 1910.132 and 1910.133.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State

Liquid application of the application **Appearance** Bluish green liquid Odor Slight chemical Color Bluish green **Odor Threshold** Not determined

Va<u>lues</u> Property Remarks • Method

Нq 13.0-13.8 Melting Point/Freezing Point Not determined Boiling Point/Boiling Range > 100 °C / > 212 °F Flash Point Not applicable **Evaporation Rate** Not available Flammability (Solid, Gas) Liquid-not applicable

Upper Flammability Limits Not applicable Not applicable Lower Flammability Limit Not available **Vapor Pressure Vapor Density** Not available

Specific Gravity 1.148 @ 25 °C (77 °F) (1=Water)

Water Solubility Completely soluble Solubility in other solvents Not determined **Partition Coefficient** Not determined Not determined Auto-ignition Temperature **Decomposition Temperature** Not determined Kinematic Viscosity Not determined Dynamic Viscosity 25 cSt

Explosive Properties Not an explosive **Oxidizing Properties** Not determined

Revision Date: 11-Dec-2018

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Excessive heat.

Incompatible Materials

Acids. Soft metals. Store away from oxidizing agents/reducing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact

Causes severe eye damage.

Skin Contact

Causes severe skin burns.

Inhalation

Avoid breathing vapors or mists.

Ingestion

May be harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Ethylene Glycol Monobutyl Ether 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L. (Rat) 4 h = 450 ppm (Rat) 4 h
Bio-terge AS-40, Sodium Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	<u>-</u>
Caustic Soda 1310-73-2	-	= 1350 mg/kg (Rabbit)	-
Tetrasodium EDTA 64-02-8	= 10 g/kg (Rat)	-	*

Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Group 3 IARC components are "not classifiable as human carcinogens".

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Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl	A3	Group 3		
Ether		·		
111-76-2				

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethylene Glycol Monobutyl Ether		1490: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48
111-76-2				h Daphnia magna mg/L EC50
Bio-terge AS-40, Sodium Olefin Sulfonate		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2:	;	
68439-57-6		96 h Brachydanio rerio mg/L	resortas editorne escri	
		LC50 semi-static		<u> </u>
Caustic Soda 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Tetrasodium EDTA	1.01: 72 h Desmodesmus	41: 96 h Lepomis		610: 24 h Daphnia magna
64-02-8	subspicatus mg/L EC50	macrochirus mg/L LC50 static 59.8. 96 h Pimephales promelas mg/L LC50 static	eses da la	mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Ethylene Glycol Monobutyl Ether	0.81
111-76-2	

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and

regulations.

California Hazardous Waste Status

Chemical Name	ical Name California Hazardous Waste Status	
Caustic Soda	Toxic	
1310-73-2	Corrosive	

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances. Based on package size, product may be eligible for

limited quantity exception.

DOT

UN/ID No UN3266

Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)

Hazard Class 8
Packing Group || |

<u>IATA</u>

UN/ID No UN3266

Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)

Hazard Class 8
Packing Group II

IMDG

UN/ID No UN3266

Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)

Hazard Class
Packing Group

Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

TPR 100 *2X* Revision Date: 11-Dec-2018

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Caustic Soda	1000 lb		RQ 1000 lb final RQ
1310-73-2			RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations. Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol Monobutyl Ether - 111-76-2	111-76-2	5-10	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Caustic Soda 1310-73-2 (<5)	1000 lb			Х

US State Regulations

California Proposition 65

This product contains a chemical that is at or below California Proposition 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether	X	X	X
111-76-2			<u> </u>
Caustic Soda	The same X is a second section of	X	×
1310-73-2			a way to be extended to the will

IS OTHER INFORMATION

Flammability Special Hazards NFPA **Health Hazards** Instability Not determined Not determined Not determined Not determined **Health Hazards Physical Hazards Personal Protection** HMIS Flammability 2 0 Not determined

Issue Date: 30-Aug-2016 And Aug-2016 And Aug-2018 And Aug

Revision Note: Information in Section 15

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet