

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: DOT 3 Brake Fluid

1.2. Intended Use of the Product

Use of the Substance/Mixture: No use is specified.

1.3. Name, Address, and Telephone of the Responsible Party

Company

TC Chemicals, LLC

1871 Mykawa Road

Pearland, TX 77581

PH: 281-412-0275

sds@thirdcoast.com

1.4. Emergency Telephone Number

Emergency Number : +1-800-424-9300

CHEMTREC – TOLL FREE 24 HOUR EMERGENCY TELEPHONE NUMBER

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Eye Dam. 1 H318

STOT RE 2 H373

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H318 - Causes serious eye damage.

H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).

Precautionary Statements (GHS-US)

: P260 - Do not breathe vapors, mist, spray.

P280 - Wear eye protection, protective clothing, protective gloves.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

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

P310 - Immediately call a POISON CENTER, a doctor.

P314 - Get medical advice/attention if you feel unwell.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

5% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
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Triethylene glycol monobutyl ether	2-(2-(2-Butoxyethoxy)ethoxy)ethanol / Butoxytriglycol / Ethanol, 2-(2-(2-butoxyethoxy)ethoxy)- / Ethanol, 2-[2-(2-butoxyethoxy)ethoxy]- / Tridecanol, 3,6,9-trioxa- / Triethylene glycol butyl ether / 2-[2-(2-Butoxyethoxy)ethoxy]ethanol / TEGBE / Butyl triglycol / Butoxytriethylene glycol / Triethylene glycol monobutylether / Monobutyl ether of triethylene glycol	(CAS-No.) 143-22-6	23 – 35	Eye Dam. 1, H318
Diethylene glycol	Bis(2-hydroxyethyl) ether / DEG / Diglycol / Dihydroxydiethyl ether / 2,2'-Dihydroxyethyl ether / Ethanol, 2,2'-oxybis- / 2,2'-Oxybisethanol / 2,2'-Oxydiethanol / 2,2'-Oxybis(ethanol) / DIETHYLENE GLYCOL / Eethylene glycol	(CAS-No.) 111-46-6	10 – 20	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Triethylene glycol monoethyl ether	Ethanol, 2-(2-(2-ethoxyethoxy)ethoxy)- / Ethanol, 2-[2-(2-ethoxyethoxy)ethoxy]- / 2-(2-(2-Ethoxyethoxy)ethoxy)ethanol / Ethoxytriglycol / Triethylene glycol ethyl ether / Undecan-1-ol, 3,6,9-trioxa- / TGE	(CAS-No.) 112-50-5	8 – 20	Not classified
3,6,9,12-Tetraahexadecan-1-ol	Hexadecan-1-ol, 3,6,9,12-tetraoxa- / Tetraethylene glycol butyl ether / 2-(2-(2-Butoxyethoxy)ethoxy)ethoxy)ethanol / Tetraethylene glycol / 1-Hexadecanol, 3,6,9,12-tetraoxa- / Tetraethylene glycol monobutyl ether	(CAS-No.) 1559-34-8	9 – 14	Eye Irrit. 2A, H319
Triethylene glycol monomethyl ether	Decan-1-ol, 3,6,9-trioxa- / Ethanol, 2-(2-(2-methoxyethoxy)ethoxy)- / Ethanol, 2-[2-(2-methoxyethoxy)ethoxy]- / 2-(2-(2-Methoxyethoxy)ethoxy)ethanol / Triethylene glycol methyl ether / Methoxytriglycol	(CAS-No.) 112-35-6	3 – 10	Not classified
Tetraethylene glycol	Ethanol, 2,2'-(oxybis(ethyleneoxy))di- / Ethanol, 2,2'-[oxybis(2,1-ethanediolyoxy)]bis- / HI-Dry / 3,6,9-Trioxaundecane-1,11-diol / Undecane-1,11-diol, 3,6,9-trioxa- / PEG-4 / 2,2'-Oxydi(ethylene)di(oxy)diethanol / Polyethylene glycol 200 / 2,2'-[Oxybis(ethane-2,1-diyloxy)]diethanol	(CAS-No.) 112-60-7	6 – 10	Not classified

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Diethylene glycol monobutyl ether	Butoxydiglycol / Butyl carbitol / Butyl dioxitol / Diethylene glycol butyl ether / Ethanol, 2-(2-butoxyethoxy)- / 2-(2-butoxyethoxy)ethanol / Diethylene glycol mono-n-butyl ether / BUTOXYDIGLYCOL / Butyl diglycol / Diglycol monobutyl ether / Decan-1-ol, 3,6-dioxa- / BDG / Dowanol DB / Monobutyl ether of diethyleneglycol / Monobutyl ether of diethylene glycol / Butyl carbitol (diethylene glycol monobutyl ether)	(CAS-No.) 112-34-5	1 – 8	Flam. Liq. 4, H227 Eye Irrit. 2A, H319
3,6,9,12,15,18-Hexaoxaeicosane	3,6,9,12,15,18-Hexaoxaeicosane / Pentaethylene glycol diethyl ether	(CAS-No.) 23601-39-0	2 – 5	Not classified
Polyethylene glycol methyl ether	Poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-hydroxy- / PEG-6 METHYL ETHER / Polyethylene glycol monomethyl ether / Methoxy PEG-16 / Methoxy PEG-10 / Methoxy PEG-100 / Methoxy PEG-40 / Methoxy PEG-25 / Methoxy PEG-7 / Poly(oxyethylene), .alpha.-hydro-.omega.-methoxy- / METHOXY PEG-10 / PEG-3 methyl ether / PEG-4 methyl ether / PEG-7 methyl ether / METHOXY PEG-100 / METHOXY PEG-16 / METHOXY PEG-25 / METHOXY PEG-40 / METHOXY PEG-7 / PEG-3 METHYL ETHER / PEG-4 METHYL ETHER / PEG-7 METHYL ETHER / Monomethyl ether of polyethyleneglycol / .alpha.-Hydro-.omega.-methoxypoly(oxyethylene)	(CAS-No.) 9004-74-4	≤ 4	Not classified
Diethylene glycol monoethyl ether	Diethylene glycol ethyl ether / Diglycol monoethyl ether / 3,6-Dioxa-1-octanol / Ethanol, 2-(2-ethoxyethoxy)- / Ethoxy diglycol / 2-(2-Ethoxyethoxy)ethanol / Ethyl diethylene glycol / Octan-1-ol, 3,6-dioxa- / Ethoxydiglycol / ETHOXYDIGLYCOL / DGEE / Di(ethylene glycol) ethyl ether / Monoethyl ether of diethylene glycol	(CAS-No.) 111-90-0	≤ 2	Flam. Liq. 4, H227

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

First-aid Measures After Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Causes serious eye damage. May cause damage to organs (Kidneys) through prolonged or repeated exposure (Oral).

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

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Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause damage to organs (Kidneys) through prolonged or repeated exposure (Oral).

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water sources. Do not breathe fumes or vapors from fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Thermal decomposition generates: Carbon oxides (CO, CO₂).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Avoid contact with skin, eyes and clothing.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Absorb and/or contain spill with inert material, then place in suitable container. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Avoid breathing vapors, mist, spray. Avoid contact with skin, eyes and clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers and reducing agents.

7.3. Specific End Use(s)

No use is specified.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Diethylene glycol (111-46-6)		
USA AIHA	WEEL TWA (mg/m ³)	10 mg/m ³
Diethylene glycol monobutyl ether (112-34-5)		
USA ACGIH	ACGIH TWA (ppm)	10 ppm (inhalable fraction and vapor)
Diethylene glycol monoethyl ether (111-90-0)		
USA AIHA	WEEL TWA [ppm]	25 ppm

8.2. Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

: Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Wear chemically resistant protective gloves.

Eye and Face Protection

: Chemical safety goggles.

Skin and Body Protection

: Wear suitable protective clothing.

Respiratory Protection

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Environmental Exposure Controls

: Avoid release to the environment.

Consumer Exposure Controls

: Do not eat, drink or smoke during use.

Other Information

: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Slight yellow to yellow
Odor	: Mild odor
Odor Threshold	: No data available
pH	: 10.6 50/50 (50% ETOH solvent)
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: -50 °C (-58 °F)
Boiling Point	: 232 °C (449.6 °F) (at 760 mm Hg)
Flash Point	: 121 °C (249.8 °F) (PMCC)
Auto-ignition Temperature	: 310 °C (590 °F)
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: 1.034
Solubility	: Water: Soluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: 1225 cSt (at -40 °C); 2.0 cSt at 100 °C (212 °F)

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9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers and reducing agents.
- 10.6. Hazardous Decomposition Products:** Can form peroxides by prolonged contact with air and light.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

Triethylene glycol monobutyl ether (143-22-6)	
LD50 Oral Rat	5300 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
Triethylene glycol monomethyl ether (112-35-6)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	7100 mg/kg
Diethylene glycol (111-46-6)	
LD50 Oral Rat	1120 mg/kg
LD50 Dermal Rabbit	11890 mg/kg
LC50 Inhalation Rat	> 4600 mg/m ³ (Exposure time: 4 h)
3,6,9,12-Tetraoxahexadecan-1-ol (1559-34-8)	
LD50 Oral Rat	5175 mg/kg
LD50 Dermal Rat	> 4000 mg/kg
Tetraethylene glycol (112-60-7)	
LD50 Oral Rat	29 g/kg
LD50 Dermal Rabbit	20 ml/kg
Triethylene glycol monoethyl ether (112-50-5)	
LD50 Oral Rat	7750 mg/kg
LD50 Dermal Rabbit	8.2 g/kg
Diethylene glycol monobutyl ether (112-34-5)	
LD50 Oral Rat	5660 mg/kg
LD50 Dermal Rabbit	2700 mg/kg
Polyethylene glycol methyl ether (9004-74-4)	
LD50 Oral Rat	22 ml/kg
LD50 Dermal Rabbit	> 20 ml/kg
Diethylene glycol monoethyl ether (111-90-0)	
LD50 Oral Rat	6031 mg/kg
LD50 Dermal Rabbit	9143 mg/kg
LC50 Inhalation Rat	> 5240 mg/m ³ (Exposure time: 4 h)

Skin Corrosion/Irritation: Not classified

pH: 10.6 50/50 (50% ETOH solvent)

Serious Eye Damage/Irritation: Causes serious eye damage.

pH: 10.6 50/50 (50% ETOH solvent)

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs (kidneys) through prolonged or repeated exposure (oral). May cause damage to organs through prolonged or repeated exposure.

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Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Redness, pain, swelling, itching, burning, tearing, and blurred vision. Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause damage to organs (Kidneys) through prolonged or repeated exposure (Oral).

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

Triethylene glycol monobutyl ether (143-22-6)	
LC50 Fish 1	2400 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	2400 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
Triethylene glycol monomethyl ether (112-35-6)	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Diethylene glycol (111-46-6)	
LC50 Fish 1	75200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	84000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
3,6,9,12-Tetraoxahexadecan-1-ol (1559-34-8)	
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Tetraethylene glycol (112-60-7)	
LC50 Fish 1	> 1000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Triethylene glycol monoethyl ether (112-50-5)	
LC50 Fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Diethylene glycol monobutyl ether (112-34-5)	
LC50 Fish 1	1300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Diethylene glycol monoethyl ether (111-90-0)	
LC50 Fish 1	10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	3940 – 4670 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	19100 – 23900 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])

12.2. Persistence and Degradability

DOT 3 Brake Fluid	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

DOT 3 Brake Fluid	
Bioaccumulative Potential	Not established.
Triethylene glycol monobutyl ether (143-22-6)	
BCF Fish 1	(no significant bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	0.51 (at 25 °C)
Triethylene glycol monomethyl ether (112-35-6)	
Partition coefficient n-octanol/water (Log Pow)	1.13 (at 25 °C)
Diethylene glycol (111-46-6)	
BCF Fish 1	100 – 180
Partition coefficient n-octanol/water (Log Pow)	-1.98 (at 25 °C)

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3,6,9,12-Tetraoxahexadecan-1-ol (1559-34-8)	
BCF Fish 1	(no significant bioaccumulation)
Tetraethylene glycol (112-60-7)	
BCF Fish 1	(no bioconcentration expected)
Diethylene glycol monobutyl ether (112-34-5)	
BCF Fish 1	(no bioconcentration expected)
Diethylene glycol monoethyl ether (111-90-0)	
Partition coefficient n-octanol/water (Log Pow)	-0.8

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Sewage Disposal Recommendations: Do not empty into drains. Do not dispose of waste into sewer.

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

DOT 3 Brake Fluid	
SARA Section 311/312 Hazard Classes	Health Hazard – Serious eye damage or eye irritation Health Hazard – Specific target organ toxicity (single or repeated exposure)
Triethylene glycol monobutyl ether (143-22-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Triethylene glycol monomethyl ether (112-35-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Diethylene glycol (111-46-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
3,6,9,12-Tetraoxahexadecan-1-ol (1559-34-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Tetraethylene glycol (112-60-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Triethylene glycol monoethyl ether (112-50-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
3,6,9,12,15,18-Hexaoxaicosane (23601-39-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	SP - SP - indicates a substance that is identified in a proposed Significant New Uses Rule.
Diethylene glycol monobutyl ether (112-34-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Polyethylene glycol methyl ether (9004-74-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

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Diethylene glycol monoethyl ether (111-90-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State Regulations

Diethylene glycol (111-46-6)

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 01/28/2021

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

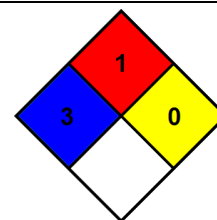
GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 4	Flammable liquids Category 4
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
H227	Combustible liquid
H302	Harmful if swallowed
H318	Causes serious eye damage
H319	Causes serious eye irritation
H373	May cause damage to organs through prolonged or repeated exposure

NFPA Health Hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA Fire Hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA Reactivity Hazard : 0 - Material that in themselves are normally stable, even under fire conditions.



HMIS III Rating

Health : 3 Serious Hazard

Flammability : 1 Slight Hazard

Physical : 0 Minimal Hazard

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)