Hazer Fluid

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 05/09/2016 Date of Issue: 05/09/2016 Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: Hazer Fluid

1.2. Intended Use of the Product

Use of the Substance/Mixture: Special Effects. Hazer Fluid

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

Company

Global Special Effects
11054 County Road 71
Lexington, AL 35648
256-229-5551/1-800-745-8599
www.globalspecialeffects.com

1.4. Emergency Telephone Number

Emergency Number : 256-229-5551/1-800-745-8599

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

Not classified

2.2. Label Elements

GHS-US Labelling

No labeling applicable

2.3. Other Hazards

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

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%
Water	(Cas No) 7732-18-5	Proprietary
Dipropylene glycol	(Cas No) 110-98-5	Proprietary
Triethylene glycol	(Cas No) 112-27-6	Proprietary

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

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 Inhalation: If 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.

First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical 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: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: None expected under Normal Conditions of use.

Symptoms/Injuries After Skin Contact: None expected under Normal Conditions of use.

Symptoms/Injuries After Eye Contact: None expected under Normal Conditions of use.

Symptoms/Injuries After Ingestion: None expected under Normal Conditions of use.

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

If you feel unwell, seek medical advice (show label if possible)

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

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 Flammable

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.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-Emergency Personnel

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

Emergency Procedures: Ventilate area

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: 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: Clean up spills immediately and dispose of water safety. Absorb and/or contain spill with inert material then place in suitable container.

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

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

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

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

Incompatible Products: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Hazer Fluid

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

No Occupational Exposure limits (OEL's) have been established for this product or its chemical components.

8.2. Exposure Controls

Appropriate Engineering Controls	:	Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal Protective Equipment	:	Not generally required. The use of Personal Protective equipment may be necessary as conditions warrant.
Materials for Protective Clothing	:	Chemically resistant materials and fabrics.
Hand Protection	:	Wear protective gloves.
Eye Protection	:	Chemical safety goggles.

Skin and Body Protection : Wear suitable protective clothing.
Respiratory Protection : Use NIOSH- Approved air purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.
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 : Clear to light yellow
Odor : Mild Odor
Odor Threshold : No data available
pH : 6-8
Evaporation Rate : No data available
Melting Point : No data available
Freezing Point : No data available
Boiling Point : >100°C
Flash Point : No data available
Auto-ignition Temperature : No data available
Decomposition Temperature : No data available
Flammability (solid, gas) : No data available
Vapor Pressure : >1.0 g/cc
Relative Vapor Density at 20°C : No data available
Relative Density : No data available
Solubility : Soluble in water
Partition Coefficient: N-Octanol/Water : No data available
Viscosity : No data available

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.
10.6. Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

Triethylene glycol	
LD50 Oral Rat	15,000 mg/l
LD50 Dermal Rabbit	>20 mg/kg

Dipropylene glycol	
LD50 Oral Rat	>5,000 mg/l
LD50 Dermal Rabbit	>5,010 mg/l

Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: None expected under Normal Conditions of use.
Symptoms/Injuries After Skin Contact: None expected under Normal Conditions of use.

Symptoms/Injuries After Eye Contact: None expected under Normal Conditions of use.
Symptoms/Injuries After Ingestion: None expected under Normal Conditions of use.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Triethylene glycol	
LC50 Fish 1	56200-63700 mg/l (Exposure time: 96 hours) Pimepahales promelas
EC50 Daphnia 1	42426 mg/ l (Exposure time: 48 hours) Saphnia magna
LC 50 Fish 2	10000mg/l (Exposure time: 96 hours) Lepomis macrochirus

12.2. Persistence and Degradability

Hazer Fluid	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Hazer Fluid	
Bioaccumulative Potential	Not established.

Triethylene glycol	
Log Pow	-1.98(25 °C)

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

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

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

Hazer Fluid	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
Water	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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

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

15.2 US State Regulations

Hazer Fluid
U.S. - Pennsylvania - RTK (Right to Know) List U.S. Texas - Effects Screening Levels -Long terms U.S. Texas- Effects Screening Levels - Short Terms

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

Revision Date : 05/09/2016
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

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.