SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Identifier
Product Form: Mixture
Product Name: Polyfoamer
Synonyms: Anionic Foaming Agent
Intended Use of the Product
Use of the Substance/Mixture: Foaming agent. For professional use only.

Name, Address, and Telephone of the Responsible Party
Customer
Economy® Polymers & Chemicals
435 E. Anderson Road
77047 Houston, TX
T 713-723-8416
www.economypolymers.com

Emergency Telephone Number
Emergency number: CHEMTREC 1-800-424-9300 (US); 703-527-3887 (International, collect calls are accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
Classification (GHS-US)
Flam. Liq. 3 H226
Acute Tox. 4 (Oral) H302
Skin Irrit. 2 H315
Eye Irrit. 2A H319

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US):
Warning

Hazard Statements (GHS-US):
H226 - Flammable liquid and vapor
H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary Statements (GHS-US):
P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do no eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, respiratory protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing.  
P321 - Specific treatment (see section 4).  
P330 - If swallowed, rinse mouth.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362 - Take off contaminated clothing.  
P370+P378 - In case of fire: Use appropriate for extinction.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container to local, regional, national, territorial, provincial, and international regulations.

Other Hazards

Other Hazards Not Contributing to the Classification: Inhalation may aggravate those with pre-existing conditions including: skin, eye, and respiratory conditions. Flammable vapors can accumulate in head space of closed systems.

Unknown Acute Toxicity (GHS-US)  Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
</table>
| Polyethylene glycol monolauryl ether sulfate ammonium salt | (CAS No) 32612-48-9 | 15 - 40 | Acute Tox. 4 (Oral), H302  
Skin Irrit. 2, H315  
Eye Irrit. 2A, H319 |
| Isopropyl alcohol | (CAS No) 67-63-0 | 10 - 30 | Flam. Liq. 2, H225  
Eye Irrit. 2A, H319  
STOT SE 3, H336 |

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of 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).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

Inhalation: Prolonged exposure to liquid may cause a mild irritation.

Skin Contact: May cause mild skin irritation.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Harmful if swallowed.

Chronic Symptoms: Not available

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIREFIGHTING MEASURES

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.
Polyfoamer
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Special Hazards Arising From the Substance or Mixture
Fire Hazard: Flammable liquid.
Explosion Hazard: May form flammable/explosive vapor-air mixture.
Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information: Do not allow run-off from fire fighting to enter drains or water courses.

Reference to Other Sections
Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Avoid breathing (vapors, mist, spray). Use only outdoors or in a well-ventilated area. Do not allow product to spread into the environment. Do not get in eyes, on skin, or on clothing. Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
For Non-Emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).
For Emergency Personnel
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area.

Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Material 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: Clear up spills immediately and dispose of waste safely. Collect spillage. Absorb and/or contain spill with inert material, then place in suitable container. Contact competent authorities after a spill. Do not take up in combustible material such as: saw dust or cellulosic material.

Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling
Additional Hazards When Processed: Do not pressurize, cut, or weld containers. Proper grounding procedures to avoid static electricity should be followed. Flammable vapours can accumulate in head space of closed systems.
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.

Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations. Use explosion-proof electrical, ventilating, and lighting equipment.
Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep container tightly closed. Keep/Store away from extremely high or low temperatures, direct sunlight, ignition sources, incompatible materials.
Specific End Use(s)
Foaming agent. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters
<table>
<thead>
<tr>
<th>Region</th>
<th>Standard</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico</td>
<td>OEL TWA (mg/m³)</td>
<td>980 mg/m³</td>
</tr>
<tr>
<td>Mexico</td>
<td>OEL TWA (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Mexico</td>
<td>OEL STEL (mg/m³)</td>
<td>1225 mg/m³</td>
</tr>
<tr>
<td>Mexico</td>
<td>OEL STEL (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
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<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>980 mg/m³</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (ppm)</td>
<td>400 ppm</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (mg/m³)</td>
<td>1225 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (ppm)</td>
<td>500 ppm</td>
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<td>USA IDLH</td>
<td>US IDLH (ppm)</td>
<td>2000 ppm (10% LEL)</td>
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<td>984 mg/m³</td>
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<td>OEL STEL (ppm)</td>
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<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
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<td>Manitoba</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
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<tr>
<td>Manitoba</td>
<td>OEL TWA (ppm)</td>
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<tr>
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</tr>
<tr>
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<tr>
<td>New Brunswick</td>
<td>OEL TWA (mg/m³)</td>
<td>983 mg/m³</td>
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<tr>
<td>New Brunswick</td>
<td>OEL TWA (ppm)</td>
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<tr>
<td>Newfoundland &amp; Labrador</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
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<td>Nova Scotia</td>
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<td>400 ppm</td>
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<tr>
<td>Nova Scotia</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
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<td>Nunavut</td>
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<td>Nunavut</td>
<td>OEL TWA (mg/m³)</td>
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<td>Northwest Territories</td>
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<td>1228 mg/m³</td>
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<tr>
<td>Northwest Territories</td>
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<td>500 ppm</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL TWA (mg/m³)</td>
<td>983 mg/m³</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL TWA (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
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<tr>
<td>Prince Edward Island</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
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<tr>
<td>Québec</td>
<td>VECD (mg/m³)</td>
<td>1230 mg/m³</td>
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<td>Québec</td>
<td>VECD (ppm)</td>
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</tr>
<tr>
<td>Québec</td>
<td>VEMP (mg/m³)</td>
<td>985 mg/m³</td>
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<td>Québec</td>
<td>VEMP (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL STEL (ppm)</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL STEL (mg/m³)</td>
<td>1225 mg/m³</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL STEL (ppm)</td>
<td>500 ppm</td>
</tr>
</tbody>
</table>
Polyfoamer
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<table>
<thead>
<tr>
<th>Yukon</th>
<th>OEL TWA (mg/m³)</th>
<th>980 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yukon</td>
<td>OEL TWA (ppm)</td>
<td>400 ppm</td>
</tr>
</tbody>
</table>

**Exposure Controls**

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ground/bond container and receiving equipment. Use explosion-proof equipment.

**Personal Protective Equipment:** Protective goggles. Gloves. Insufficient ventilation: wear respiratory protection. Protective clothing.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Not available

**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**

**Information on Basic Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear, yellow, liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild, alcohol</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>7 - 8 (5% soln)</td>
</tr>
<tr>
<td>Relative Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>-7 °C (19.4°F)</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>38 °C (100.4°F)</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Vapor Density at 20 °C</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.01</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>Not available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity, Kinematic</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity, Dynamic</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Mechanical Impact</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Static Discharge</td>
<td>Not available</td>
</tr>
</tbody>
</table>
SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.
Chemical Stability: Stable at standard temperature and pressure. Flammable liquid and vapor.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Harmful if swallowed.
LD50 and LC50 Data: Not available
Skin Corrosion/Irritation: Causes skin irritation. pH: 7 - 8 (5% soln)
Serious Eye Damage/Irritation: Causes serious eye irritation. pH: 7 - 8 (5% soln)
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not available
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Injuries After Inhalation: Prolonged exposure to liquid may cause a mild irritation.
Symptoms/Injuries After Skin Contact: May cause mild skin irritation.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Harmful if swallowed.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol (67-63-0)</td>
<td>4396 mg/kg</td>
<td>16000 ppm (Exposure time: 8 h)</td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>12800 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat (ppm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyethylene glycol monolauryl ether sulfate ammonium salt (32612-48-9)</td>
<td>630 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LC50 Fish 1</th>
<th>LC50 Fish 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol (67-63-0)</td>
<td>9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])</td>
<td>11130 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
<td>11130 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)</td>
</tr>
<tr>
<td>EC50 Other Aquatic Organisms 1</td>
<td>1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)</td>
<td></td>
</tr>
<tr>
<td>LC 50 Fish 2</td>
<td>11130 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)</td>
<td></td>
</tr>
<tr>
<td>EC50 Other Aquatic Organisms 2</td>
<td>1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability: Not available
Bioaccumulative Potential

<table>
<thead>
<tr>
<th>Polyfoamer</th>
<th>Not established.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol (67-63-0)</td>
<td></td>
</tr>
<tr>
<td>Log Pow</td>
<td>0.05 (at 25 °C)</td>
</tr>
</tbody>
</table>

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/ TDG

UN Number

UN-No.(DOT): 1993
DOT NA no.: UN1993

UN Proper Shipping Name

DOT Proper Shipping Name: Flammable liquids, n.o.s. (contains, isopropyl alcohol)

Department of Transportation (DOT) Hazard Classes

Hazard Labels (DOT): 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

DOT Symbols

Packing Group (DOT): III - Minor Danger

DOT Special Provisions (49 CFR 172.102)

DOT Symbols

Packaging Exceptions (49 CFR 173.xxx): 150

Packaging Non Bulk (49 CFR 173.xxx): 203
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DOT Packaging Bulk (49 CFR 173.xxx) : 242

Additional Information

Emergency Response Guide (ERG) Number : 128

Transport by sea

DOT Vessel Stowage Location : A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

Air transport

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27) : 60 L
DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75) : 220 L

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Polyfoamer
SARA Section 311/312 Hazard Classes : Immediate (acute) health hazard

Isopropyl alcohol (67-63-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on SARA Section 313 (Specific toxic chemical listings)

EPA TSCA Regulatory Flag : T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

SARA Section 313 - Emission Reporting : 1.0 % (only if manufactured by the strong acid process, no supplier notification)

Polyethylene glycol monolauryl ether sulfate ammonium salt (32612-48-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Isopropyl alcohol (67-63-0)
U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute
U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic
U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Connecticut - Volatile Substances
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
U.S. - Massachusetts - Right To Know List
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Occupational Exposure Limits - STELs
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - STELs
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
U.S. - New Jersey - Environmental Hazardous Substances List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New Jersey - Special Health Hazards Substances List
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - TWAs
Polyfoamer
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour
U.S. - Tennessee - Occupational Exposure Limits - STELs
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - City of Austin - Aerosol Paint and Glue Restrictions
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - STELs
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs

Polyethylene glycol monolauryl ether sulfate ammonium salt (32612-48-9)
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Canadian Regulations

Polyfoamer
WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List) inventory.
WHMIS Classification | Uncontrolled product according to WHMIS classification criteria

Isopropyl alcohol (67-63-0)
Listed on the Canadian DSL (Domestic Substances List) inventory.
Listed on the Canadian Ingredient Disclosure List
WHMIS Classification | Class B Division 2 - Flammable Liquid
                        | Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Polyethylene glycol monolauryl ether sulfate ammonium salt (32612-48-9)
Listed on the Canadian DSL (Domestic Substances List) inventory.
Listed on the Canadian Ingredient Disclosure List
WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION

Revision date : 02/26/2015
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:

<table>
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<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral) Category 4</th>
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<td>Flam. Liq. 3</td>
<td>Flammable liquids Category 3</td>
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### Polyfoamer Safety Data Sheet

| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H351 | Suspected of causing cancer |
| H401 | Toxic to aquatic life |

**Party Responsible for the Preparation of This Document**

Economy Polymers & Chemicals
435 E. Anderson Road Houston, TX 77047
713-723-8416; 1-800-231-2066

*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.*

North America GHS US 2012 & WHMIS