

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** SCAVFOAM

**Recommended use of the chemical and restrictions on use**

**Recommended use** Foaming degasification aid and water-soluble hydrogen sulfide scavenger  
**Restrictions on use** For industrial use only

**Supplier details**

West Penetone Inc.  
11411-160 Street  
Edmonton, AB  
T5M3T7  
Tel: 780-454-3919

**Emergency Telephone Number**

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification**

Acute toxicity, oral	Category 4
Acute toxicity, inhalation – dusts and mists	Category 3
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitizer	Category 1
Specific target organ toxicity – single exposure	Category 1
Specific target organ toxicity – single exposure	Category 3
Hazardous to the aquatic environment, acute hazard	Category 3

**Label Elements**

**DANGER**

**Hazard Statements**

Harmful if swallowed  
Toxic if inhaled  
Causes skin irritation  
Causes serious eye damage  
May cause an allergic skin reaction  
Causes damage to organs <central nervous system, liver, gastrointestinal tract, upper respiratory tract, skin, eye, lens or cornea, testes>  
<<inhalation, ingestion, skin, eyes>>  
May cause respiratory irritation  
Harmful to aquatic life



**Precautionary Statements – Prevention**

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.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.

**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: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep 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.

If exposed or concerned, call a POISON CENTER or doctor/physician.

**Precautionary Statements - Storage**

Store in a well ventilated place. Keep container tightly closed. Store locked up.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
1,3,5-triazine-1,3,5-(2H,4H,6H)-triethanol	4719-04-4	15-40
caprylyl/capryl glucoside	68515-73-1	7-13
diethylene glycol monobutyl ether	112-34-5	7-13
cocoamidopropyl betaine	61789-40-0	1-5

### 4. FIRST AID MEASURES

<b>Eye contact</b>	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
<b>Skin contact</b>	Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician, if you feel unwell.
<b>Ingestion</b>	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

Exposure may cause burns to eyes. Contact with skin may cause irritation with local redness. Prolonged contact with skin may be harmful and cause sensitization. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Exposure by inhalation may be toxic. Serious effects may be delayed following exposure. Product contains material that is irritating to respiratory system. Ingestion may be harmful and cause burns to mouth, throat and stomach. Product contains materials which cause damage to the nervous system (CNS), liver, kidneys, gastrointestinal tract, upper respiratory tract, skin, eyes, lens or cornea, and testes.

**Indication of any immediate medical attention and special treatment needed**

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**

None.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon and nitrogen.

**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

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapor or mist. Use personal protective equipment.

### Environmental Precautions

Avoid discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

Contain and solidify with inert absorbent material. Keep in suitable, closed containers for disposal. Following product recovery, flush the area with water. For large spills, stop flow of material, prevent product from entering drains, and pump off product where this is without risk and possible. Proceed as above.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

#### **Handling**

Avoid contact and inhalation of mist/vapors/spray. Avoid contact with skin, eyes and clothing. Ensure thorough ventilation of work areas. Smoking, eating and drinking should be prohibited in the application area.

### Conditions for safe storage, including any incompatibilities

#### **Storage**

Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.

#### **Incompatible Materials**

Acids, oxidizing agents

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm	Not available	Not available

### Appropriate engineering controls

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be made available when handling this product.

### Individual protection measures, such as personal protective equipment

#### **Eye/face Protection**

Safety glasses with side shields or goggles.

#### **Skin and body protection**

Wear protective gloves and protective clothing.

#### **Respiratory Protection**

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapor/aerosol release.

#### **General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE :</b> Clear, amber liquid	<b>VAPOR PRESSURE, mm Hg AT 20°C :</b> Not available
<b>ODOR</b> Amine/glycol	<b>VAPOR DENSITY (Air = 1) :</b> Not available
<b>ODOR THRESHOLD :</b> Not applicable	<b>RELATIVE DENSITY AT 20°C:</b> 1.100-1.105
<b>pH :</b> 10.9-11.5	<b>SOLUBILITY IN WATER :</b> Complete
<b>MELTING POINT / FREEZING POINT :</b> Approx. 0°C	<b>PARTITION COEFFICIENT, N-OCTANOL/WATER :</b> Not available
<b>BOILING POINT/BOILING RANGE :</b> Approx. 100°C	<b>AUTO-IGNITION TEMPERATURE :</b> Not available
<b>FLASH POINT :</b> None	<b>DECOMPOSITION TEMPERATURE:</b> Not available
<b>EVAPORATION RATE, water = 1 :</b> 1	<b>VISCOSITY:</b> Not available
<b>FLAMMABILITY (SOLID, GAS):</b> Not applicable	<b>FLAMMABLE LIMITS :</b> <b>UPPER:</b> Not available <b>LOWER :</b> Not available

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid**

Avoid extreme temperatures. Store away from incompatible materials.

**Incompatible Materials**

Acids, oxidizing agents

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decompositions can lead to release of irritating gases and vapors such as formaldehyde, oxides of carbon and nitrogen as well as other low molecular weight hydrocarbons.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity****ATE<sub>mix</sub>** – LD50 oral – approx.  $\geq 1195$  mg/kg (rat), LD50 dermal – approx.  $\geq 3472$  mg/kg (rabbit), LC50 inhalation-mist – approx. 0.814 mg/L – 4 h (rat)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol 4719-04-4	>488- $\leq$ 584 mg/L (rat)	>2000 mg/kg (rat)	0.371 mg/L (rat) – 4 hr
caprylyl/capryl glucoside 68515-73-1	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
diethylene glycol monobutyl ether 112-34-5	3384 mg/kg (rat)	2700 mg/kg (rabbit)	Not listed
cocoamidopropyl betaine 61789-40-0	>5000 mg/kg (rat)	Not listed	Not listed

**Information on likely sources of exposure****Inhalation**

May cause coughing, respiratory irritation and possible damage.

**Serious eye damage/irritation**

Causes serious eye damage. May cause pain, watering and redness.

**Skin corrosion/irritation**

Causes skin irritation, redness and possible sensitization.

**Ingestion**

May be harmful if swallowed. May cause stomach pains.

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

<b>Respiratory or skin sensitization</b>	1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol (CAS 4719-04-4) - 1B May cause an allergic skin reaction
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol (CAS 4719-04-4) 1 Causes damage to liver, central nervous system
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	None.

**Symptoms related to the physical, chemical and toxicological characteristics**

See Section 2 &amp; 4.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

<b>Chemical Name</b>	<b>Fish</b>	<b>Waterflea</b>	<b>Algae</b>
1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol 4719-04-4	119 mg/L: 96 h rainbow trout LC50	26.1 mg/L: 48 h Daphnia magna EC50	Not available
caprylyl/capryl glucoside 68515-73-1	>100 mg/L: 96 h brachydanio rerio LC50	10-100 mg/L: 48 h daphnia magna EC50	10-100 mg/L: 72 h scenedesmus subspicatus EC50
diethylene glycol monobutyl ether 112-34-5	1300 mg/L: 96 h lepomis macrochirus LC50	Not available	>100 mg/L: 96 h desmodesmus subspicatus EC50

**Persistence and degradability**

Expected to be readily biodegradable.

**Bioaccumulative potential**

Accumulation in organisms is not to be expected.

**Mobility in soil**

No information available

**Other adverse effects**

Do not release untreated into natural waters. No other adverse environmental effects are expected.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method** Dispose of in accordance with local regulations.**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal.**14. TRANSPORT INFORMATION****TDG classification**

UN 2810, Toxic Liquid, Organic, N.O.S. (1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol), Class 6.1, PG II

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION**

<b><u>Preparation Date</u></b>	16 May 2017
<b><u>Revision Date</u></b>	not applicable
<b><u>Revision Note</u></b>	not applicable

**Disclaimer**

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**End of SDS**