

1. IDENTIFICATION

Product Identifier

Product Name

SCAVFOAM

Chemical Name

Alkali surfactant concentrate

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 1-(613)-996-6666 Internationally or 1-888-226-8832 – North America FOR 24 HOUR TRANSPORT EMERGENCY

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 SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

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 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 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**Ingestion**

Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Skin contact

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

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician, if you feel unwell.

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

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

APPEARANCE:

Clear, amber liquid

ODOR:

Amine/glycol

ODOR THRESHOLD :

Not applicable

pH:

11.0-11.7

MELTING POINT / FREEZING POIN:

Approx. 0°C

BOILING POINT/BOILING RANGE :

Approx. 100°C

FLASH POINT:

None

EVAPORATION RATE, water = 1:

1

FLAMMABILITY (SOLID, GAS):

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C:

Not available

VAPOR DENSITY (Air = 1):

Not available

RELATIVE DENSITY AT 20°C:

1.095-1.115

SOLUBILITY IN WATER:

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER:

Not available

AUTO-IGNITION TEMPERATURE:

Not available

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

FLAMMABLE LIMITS:**UPPER:** Not available **LOWER:** 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_{mix}** – LD50 oral – approx. ≥1195 mg/kg (rat), LD50 dermal – approx. ≥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-≤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**Ingestion**

May be harmful if swallowed. May cause stomach pains.

Skin corrosion/irritation

Causes skin irritation, redness and possible sensitization.

Inhalation

May cause coughing, respiratory irritation and possible damage.

Serious eye damage/irritation

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

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

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

Symptoms related to the physical, chemical and toxicological characteristics

See Section 2 & 4.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

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

Chemical Name	Fish	Waterflea	Algae
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

UN Number:	2810
UN Proper Shipping Name:	Toxic Liquid, Organic, N.O.S. (1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol)
Transport Hazard Class(es)	
Class:	TDG: 6.1 US DOT: 6.1 IMDG: 6.1
Label(s):	6.1
Packing Group:	II
Marine Pollutant:	No
Special precautions for user:	None established
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not determined

15. REGULATORY INFORMATION**Canada (DSL/NDSL)**

All ingredients contained in this product are in compliance with the Canadian Environmental Protection Act and are listed on the DSL or are exempt.

United States (TSCA)

All ingredients contained in this product are listed on the TSCA inventory or are exempt.

HMIS Information:

Health: 2

Flammability: 0
Reactivity: 0

16. OTHER INFORMATION

Preparation Date

16 May 2017

Revision Date

22 October 2020

Revision Note**Revision 1** – Modifications to Sections 1, 9, 14, 15**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of SDS