SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier
Product Name SCAVFOAM-FA

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, inhalation – dusts and mists	Category 4
Skin corrosion/irritation	Category 1C
Serious eye damage/eye irritation	Category 1

Hazardous to the aquatic environment, acute hazard	Category 3

Label Elements

DANGER

Hazard Statements
Harmful if inhaled
Causes severe skin burns and eye damage
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.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take of immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
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.

Precautionary Statements - Storage
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 %
3,3-methylenebis(5-methyloxazolidine)	66204-44-2	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

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.

Skin contact Take of immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

Inhalation Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Ingestion Do NOT induce vomiting. Aspiration of material due to vomiting can cause chemical pneumonitis. If vomiting occurs naturally, the casualty should lean forward to reduce risk of aspiration. Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Exposure may cause serious damage to eyes. Contact with skin may cause burns with local redness. Exposure by inhalation may be harmful. Ingestion may be harmful.

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 inhalation of mist/vapors/spray. Avoid contact with eyes or prolonged or repeated contact with skin. Ensure thorough ventilation of work areas. Wear appropriate PPE and observe good industrial hygiene practices.

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 Under the intended modes of use, exposure control measures are not required.

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 Under the intended modes of use, no personal respiratory equipment normally required.

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, colorless liquid
ODOR
Amine/glycol
ODOR THRESHOLD :
Not applicable
pH :
9.00-9.50
MELTING POINT / FREEZING POINT :
Approx. 0ºC
BOILING POINT/BOILING RANGE :
Approx. 100ºC
FLASH POINT :
None
EVAPORATION RATE, water = 1 :
1
FLAMMABILITY (SOLID, GAS):
Not applicable

VAPOR PRESSURE, mm Hg AT 20ºC :
Not available
VAPOR DENSITY (Air = 1) :
Not available
RELATIVE DENSITY AT 20ºC:
1.065-1.075
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. ≥2423 mg/kg (rat), LD50 dermal – approx. ≥10400 mg/kg (rabbit), LC50 inhalation-dust/mist – approx. ≥4 mg/L – 4 h (rat)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
3,3-methylenebis(5-methyloxazolidine) 66204-44-2	500-2000 mg/kg (rat)	Not listed	0.5-2.5 mg/L (rat) – 4 h
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 be harmful if inhaled.
Serious eye damage/irritation May cause serious eye damage.
Skin corrosion/irritation May cause severe skin burns with prolonged or repeated exposure.
Ingestion May be harmful if swallowed.

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

Respiratory or skin sensitization Not a sensitizer.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.
Reproductive toxicity No information available.
STOT - single exposure If material is misted, exposure may cause irritation of the mucous membranes and upper respiratory tract.
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
3,3-methylenebis(5-methyloxazolidine) 66204-44-2	57.7 mg/L : 96 h Zebra fish LC50	37.9 mg/L: 48 h daphnia magna EC50	5.7 mg/L: 72 h alga EC50
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 3267, Corrosive Liquid, Basic, Organic, N.O.S. (Oxazolidine derivative), Class 8, PG III

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION

Preparation Date 5 March 2018
Revision Date not applicable
Revision Note not applicable

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