SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier
Product Name FOAMTUFF
Chemical Name Surfactant concentrate

Recommended use of the chemical and restrictions on use
Recommended use Foaming degasification aid
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

Main office – (780)-454-3919, 8:00 AM to 4:30 PM MST

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 3
Serious eye damage/eye irritation	Category 2A

Hazardous to the aquatic environment, acute hazard	Category 2

Label Elements

WARNING

Hazard Statements
Causes mild skin irritation
Causes serious eye irritation
Toxic to aquatic life

Precautionary Statements - Prevention
Wash face, hands, and any exposed skin thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response
IF ON SKIN: If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

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 %*
caprylyl/capryl glucoside	68515-73-1	7-13
diethylene glycol monobutyl ether	112-34-5	7-13
lauramine oxide	1643-20-5	5-10
cocoamidopropyl betaine	61789-40-0	1-5

* The actual concentrations have been withheld as a trade secret

The product contains additional materials that are not hazardous under WHMIS or GHS criteria

4. FIRST AID MEASURES

Ingestion Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact Wash with plenty of water. If skin irritation occurs get medical advice/attention. Take off contaminated clothing and wash before reuse.

Inhalation If difficulties occur after mist/vapors/spray has been inhaled, 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. If eye irritation persists, get medical advice/attention.

Most important symptoms and effects, both acute and delayed

Contact with eyes may cause serious irritation, discomfort or pain, excess blinking and tear production with marked excess redness and swelling of the conjunctiva. Contact with skin may cause irritation with local redness.

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, nitrogen, and other irritating gases.

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
Use personal protective equipment. High risk of slipping due to product leakage/spillage. Use appropriate containment to avoid environmental contamination.

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 area with plenty of 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 with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed away from direct sunlight in a dry, cool place, away from incompatible materials.

Incompatible Materials Strong 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 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 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:
Odorless
ODOR THRESHOLD:
Not applicable
pH:
6.75-7.25
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:
1.010-1.030
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
Store away from incompatible materials.

Incompatible Materials
Strong oxidizing materials.

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity
ATE_{mix} – LD50 oral – approx. ≥5151 mg/kg (rat), LD50 dermal – approx. ≥6642 mg/kg (rat), NOEC inhalation-mist – approx. >16 mg/L – 4 h (rat)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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
lauramine oxide 1643-20-5	>1065 mg/kg (rat)	>2000 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 Expected to be a low ingestion hazard.
Skin corrosion/irritation Causes skin irritation.
Inhalation Expected to be a low inhalation hazard
Serious eye damage/irritation Causes serious eye irritation.

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 listed carcinogens.
Reproductive toxicity No information available.
STOT - single exposure No information available.
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
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
lauramine oxide 1643-20-5	2.67 mg/L: 96 h LC50	3.1 mg/L: 48 h daphnia magna EC50	0.19 mg/L: 72 h 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:	Not regulated
UN Proper Shipping Name:	Not regulated
Transport Hazard Class(es)	
Class:	TDG: Not regulated US DOT: Not regulated IMDG: Not regulated
Label(s):	Not regulated
Packing Group:	Not applicable
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:	1
Flammability:	0
Reactivity:	0

16. OTHER INFORMATION

Preparation Date 10 May 2017
Revision Date 2 July 2025
Revision Note **Revision 2 –** Modifications to Sections 1

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