

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

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

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 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. 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:

1.010-1.030

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

19 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