

1. IDENTIFICATION

Product Identifier

Product Name WESTSURF 10
Chemical Name Surfactant concentrate

Recommended use of the chemical and restrictions on use

Recommended use Wetting and detergency aid in cleaning and decontamination applications
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

Acute toxicity, oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Hazardous to the aquatic environment, acute hazard	Category 2
Hazardous to the aquatic environment, long-term hazard	Category 2

Label Elements

DANGER

Hazard Statements

Harmful if swallowed
Causes skin irritation
Causes serious eye damage
Toxic to aquatic life with long lasting effects



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician, if you feel unwell.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
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.
Collect spillage

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 %*
alcohols, C12-15, ethoxylated propoxylated	68551-13-3	10-30
lauramine oxide	1643-20-5	10-30
1-propoxy-2-propanol	1569-01-3	5-10
diethylene glycol monobutyl ether	112-34-5	5-10
alcohols, C8-10, ethoxylated propoxylated	68603-25-8	3-7

* The actual concentrations have been withheld as a trade secret

4. FIRST AID MEASURES**Ingestion**

Rinse mouth. Remove person to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed by medical personnel. Call a POISON CENTER or doctor/physician if you feel concerned or unwell.

Skin contact

Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

Inhalation

If difficulties occur after mist/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. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

Contact with eyes may cause serious damage leading to corneal injury, 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. Ingestion may cause nausea, diarrhea, and abdominal cramps.

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**

Avoid contact with skin, eyes, and clothing. Use personal protective equipment. High risk of slipping due to product leakage/spillage. Use appropriate containment to avoid environmental contamination.

Environmental Precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. 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. 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. Use recommended personal protective equipment.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed away from direct sunlight, away from incompatible materials.

Incompatible Materials Acids, 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
1-propoxy-2-propanol 1569-01-3	TWA*: 50 ppm STEL*: 75 ppm	Not available	Not available
diethylene glycol monobutyl ether 112-34-5	TWA: 10 ppm inhalable fraction and vapor	Not available	Not available

* DOW IHG regulation

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 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:

Glycol

ODOR THRESHOLD:

Not applicable

pH:

7.0-8.0

MELTING POINT / FREEZING POINT:

Approx. 0°C (32°F)

BOILING POINT/BOILING RANGE:

Approx. 100°C (212°F)

FLASH POINT:

None

EVAPORATION RATE, water = 1:

1

FLAMMABILITY (SOLID, GAS):

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C (68°F):

Not applicable

VAPOR DENSITY (Air = 1):

Not applicable

RELATIVE DENSITY AT 20°C (68°F):

0.975-0.980

SOLUBILITY IN WATER:

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER:

Not available

AUTO-IGNITION TEMPERATURE:

None

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

FLAMMABLE LIMITS:

UPPER: Not applicable **LOWER:** Not applicable

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

Acids, strong 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 oxides of carbon, nitrogen, and other low molecular weight hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

ATE_{mix} – LD50 oral – approx. ≥ 1286 mg/kg (rat), LD50 dermal – approx. ≥ 2693 mg/kg (rat), LC50 inhalation-NOEC – approx. > 21.76 mg/L – 4 h (rat)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
alcohols, C12-15, ethoxylated propoxylated 68551-13-3	1350 mg/kg (rat)	> 2000 mg/kg (rabbit)	Not listed
lauramine oxide 1643-20-5	> 1065 mg/kg (rat)	> 2000 mg/kg (rabbit)	Not listed
1-propoxy-2-propanol 1569-01-3	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	8.34 mg/L (rat) – 4 h NOEC
diethylene glycol monobutyl ether 112-34-5	3384 mg/kg (rat)	2764 mg/kg (rabbit)	> 2.1 mg/L (rat) – 4 h NOEC
alcohols, C8-10, ethoxylated propoxylated 68603-25-8	2368.8 mg/kg (rat)	> 2000 mg/kg (rabbit)	Not listed

Information on likely sources of exposure

Ingestion	Expected to be a low ingestion hazard. May be harmful if swallowed.
Skin corrosion/irritation	Causes skin irritation.
Inhalation	Expected to be a low inhalation hazard.
Serious eye damage/irritation	Causes serious eye damage.

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

Respiratory or skin sensitization	Not a sensitizer.
Germ cell mutagenicity	None known.
Carcinogenicity	No information available.
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

May cause serious eye damage. Skin irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Chemical Name	Fish	Waterflea	Algae
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
1-propoxy-2-propanol 1569-01-3	>100 mg/L: 96 h oncorhynchus mykiss LC50	>100 mg/L: 48 h Daphnia magna EC50	1466 mg/L: 96 h green algae ErC50

Persistence and degradability

Expected to be potentially 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/NDL)

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**

11 October 2016

Revision Date

8 July 2025

Revision Note

Revision 4 - Modifications to Section 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