SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier

Product Name LEMON LITE INDUSTRIAL
Chemical Name Surfactant concentrate

Recommended use of the chemical and restrictions on use

Recommended use Detergency and emulsification 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

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

Hazardous to the aquatic environment, acute hazard	Category 3

Label Elements

WARNING

Hazard Statements
Causes skin irritation
Causes serious eye irritation
Harmful 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: Wash with plenty of water. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash it before reuse.
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 %*
ethanolammonium dodecylbenzenesulfonate	26836-07-7	10-30
alcohols, C12-14-secondary, ethoxylated	84133-50-6	5-10

* The actual concentrations have been withheld as a trade secret

The product contains additional materials that are not hazardous or reportable under WHMIS or GHS criteria at the levels therein

4. FIRST AID MEASURES

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

Skin contact Rinse skin with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before re-use.

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. If eye irritation persists, get medical advice/attention.

Most important symptoms and effects, both acute and delayed

Contact with eyes may cause serious irritation leading to 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 as well as cause dermatitis with prolonged or repeated exposure. Ingestion may cause irritation of the mouth and throat and abdominal pain.

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 sulfur 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
Avoid contact with skin and eyes. Use personal protective equipment. High risk of slipping due to product leakage/spillage.

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 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. Use recommended personal protective equipment.

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, bases, strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

No occupational exposure limits known.

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, yellow liquid
ODOR:
Lemon
ODOR THRESHOLD:
Not applicable
pH:
8.5-9.5
MELTING POINT / FREEZING POINT:
Approx. 0ºC (32ºF)
BOILING POINT/BOILING RANGE:
Approx. 100ºC (212ºF)
FLASH POINT:
None
EVAPORATION RATE, water = 1:
1
FLAMMABILITY (SOLID, GAS):
Not applicable

VAPOR PRESSURE, mm Hg AT 20ºC (68ºF):
Not available
VAPOR DENSITY (Air = 1):
Not available
RELATIVE DENSITY AT 20ºC (68ºF):
1.020-1.040
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
Acids, bases, strong oxidizing agents

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 sulfur as well as other low molecular weight hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
ATE_{mix} – LD50 oral – approx. >6100 mg/kg (rat), LD50 dermal – approx. >7600 mg/kg (rat)

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ethanolammonium dodecylbenzenesulfonate 26836-07-7	Not listed	Not listed	Not listed
alcohols, C12-14-secondary, ethoxylated 84133-50-6	≥2909 mg/kg (rat)	≥4112 mg/kg (rabbit)	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	No information available

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
alcohols, C12-14-secondary, ethoxylated 84133-50-6	1-10 mg/L: 96 h LC50	1-10 mg/L: 48 h EC50	Not available

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	15 November 2016
Revision Date	2 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