

## 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**

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 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

### 4. FIRST AID MEASURES

<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Skin contact</b>	Rinse skin with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before re-use.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Eye contact</b>	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. 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 available

### **VAPOR DENSITY (Air = 1) :**

Not available

### **RELATIVE DENSITY AT 20°C (68°F) :**

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<sub>mix</sub>** – 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**

<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Inhalation</b>	Expected to be a low inhalation hazard.
<b>Serious eye damage/irritation</b>	Causes serious eye irritation.

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

<b>Respiratory or skin sensitization</b>	Not a sensitizer.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No listed carcinogens.
<b>Reproductive toxicity</b>	No information available
<b>STOT - single exposure</b>	No information available
<b>STOT - repeated exposure</b>	No information available
<b>Aspiration Hazard</b>	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**

<b><u>Preparation Date</u></b>	15 November 2016
<b><u>Revision Date</u></b>	5 August 2020
<b><u>Revision Note</u></b>	Revision 3 - Modifications to Section 3, 11, 12

**Disclaimer**

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**End of SDS**