

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ECOSOL  
**Chemical Name** Solvent blend

### Recommended use of the chemical and restrictions on use

**Recommended use** VEHICLE DEGREASER  
**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

(780) 454-3919 (Mon – Fri, 8 AM – 4:30 PM, Mountain time)

## 2. HAZARDS IDENTIFICATION

### Classification

Flammable liquids	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Aspiration hazard	Category 1
Sensitization Skin	Category 1

### Label Elements

#### **DANGER**

#### **Hazard Statements**

Combustible liquid.  
Causes skin irritation.  
Causes serious eye damage.  
May be fatal if swallowed and enters airways.  
May cause an allergic skin reaction.



### Precautionary Statements - Prevention

Keep away from heat, sparks, open flames, and hot surfaces. No smoking.  
Wash face, hands, and any exposed skin thoroughly after handling.  
Do not eat, drink, or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves, protective clothing, and eye protection or face protection.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid breathing fume, mist, vapors, or spray.

### Precautionary Statements - Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  
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.  
In case of fire: Use carbon dioxide, foam, or dry chemical to extinguish.

**Precautionary Statements - Storage**

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

**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 %
Naphtha (petroleum) hydrotreated, heavy	64742-48-9	15 – 40*
1-tetradecene	1120-36-1	15 – 40*
Limonene (mixture of isomers)	5989-27-5; 138-86-3	10 – 30*
Diethylene glycol monobutyl ether	112-34-5	1 – 5*
Alcohols, C9-11, ethoxylated	68439-46-3	1 – 5*
Sodium docusate	577-11-7	1 – 5*

\*Actual concentration is withheld as a trade secret

**4. FIRST AID MEASURES**

<b>Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician immediately.
<b>Skin contact:</b>	Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.
<b>Inhalation:</b>	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.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention immediately.

**Most important symptoms and effects, both acute and delayed.**

Contact with eyes may cause serious damage or irritation leading to discomfort, redness, swelling or blindness. Contact with skin may cause irritation with local redness and possible dermatitis shortly after exposure. Inhalation of vapors may cause drowsiness or dizziness, headaches, fatigue, muscular weakness and in extreme cases, loss of consciousness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion may cause pneumonitis or pulmonary edema if aspirated.

**Indication of any immediate medical attention and special treatment needed.**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use water fog, foam, dry chemical, or carbon dioxide to extinguish flames.

**Unsuitable Extinguishing Media**

Do not use water jet.

**Specific hazards arising from the chemical.**

During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen and sulfur.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment.

### Environmental Precautions

Avoid discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up.

Contain and solidify with inert absorbent materials. 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 inhalation of fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and clothing. Ensure thorough ventilation of work areas. Use personal protective equipment. Use proper bonding or ground procedures. Keep away from sources of ignition. Smoking should be prohibited in the application area

### Conditions for safe storage, including any incompatibilities

**Storage:** Keep containers tightly closed away in a dry, cool and well-ventilated place, away from incompatible materials.

**Incompatible Materials:** Strong oxidizing agents and acids.

## 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
Limonene (mixture of isomers) CAS 5989-27-5; 138-86-3	TWA: 30 ppm/165.5 mg/m3 (AIHA)	Not Available	Not Available
Diethylene glycol monobutyl ether CAS 112-34-5	TWA: 10 ppm	Not Available	Not Available

### Appropriate engineering controls

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection:** Safety glasses with side shields or goggles. Use a face-shield where mode of handling increases risk of splashing.

**Skin and body protection:** Wear protective gloves and protective clothing.

**Respiratory Protection:** Wear respiratory protection if ventilation is inadequate.

**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:**

Yellow to brown liquid

**ODOR:**

citrus

**ODOR THRESHOLD:**

Not available

**pH:**

Not applicable

**MELTING POINT / FREEZING POINT:**

Not available

**BOILING POINT/BOILING RANGE:**

Approximately 100 °C

**FLASH POINT:**

>63°C

**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:**

0.851 – 0.871

**SOLUBILITY IN WATER:**

Not soluble

**PARTITION COEFFICIENT, N-OCTANOL/WATER:**

Not available

**AUTO-IGNITION TEMPERATURE:**

Not available

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

Not available

**FLAMMABLE LIMITS:**

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**

Avoid extreme temperatures. Store away from incompatible materials.

**Incompatible Materials**

Strong oxidizing materials and concentrated mineral acids.

**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 as well as other low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

**ATE<sub>mix</sub>** – LD50 oral > 5000 mg/kg, LD50 dermal > 5000 mg/kg, LC50 inhalation >10 mg/L

Not classified as an acutely toxic mixture.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Naphtha (petroleum) hydrotreated, heavy CAS 64742-48-9	>5000 mg/kg (rat)	Not listed	Not listed
Limonene (mixture of isomers) CAS 5989-27-5; 138-86-3	>2000 mg/kg (rat)	Not listed	Not listed
Diethylene glycol monobutyl ether CAS 112-34-5	>4500 mg/kg (rat)	>2764 mg/kg (rabbit)	>29 ppm, 2 h (rat)
1-tetradecene CAS 1120-36-1	>5000 mg/kg (rat)	>2000 mg/kg (rat)	5 mg/l, 4 h, (rat)
Alcohols, C9-11, ethoxylated CAS 68439-46-3	>1200 mg/kg (rat)	>2000 mg/kg (rat)	Not listed
Sodium docusate CAS 577-11-7	Not listed	Not listed	Not listed

**Information on likely sources of exposure**

<b>Ingestion</b>	May cause stomach pains, nausea, diarrhea other delayed effects.
<b>Skin corrosion/irritation</b>	May causes skin irritation and other allergic reactions
<b>Inhalation</b>	May cause respiratory irritation, drowsiness, or dizziness.
<b>Serious eye damage/irritation</b>	May cause serious eye damage or irritation with redness, swelling pain or blindness

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

<b>Respiratory or skin sensitization</b>	Causes drying of the affected area and dermatitis
<b>Germ cell mutagenicity</b>	None known.
<b>Carcinogenicity</b>	None known.
<b>Reproductive toxicity</b>	None known.
<b>STOT - single exposure</b>	None known.
<b>Aspiration Hazard</b>	Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9), 1-tetradecene (CAS 1120-36-1) and limonene (CAS 5989-27-5; 138-86-3) may be fatal if swallowed and enters airways

**Symptoms related to the physical, chemical and toxicological characteristics.**

Skin and eye irritation. Possible delayed effects due to prolonged or repeated skin exposure. Ingestion may cause irritation or a burning sensation of the mouth and throat, abdominal pain accompanied by nausea, vomiting, and diarrhea. Inhalation may cause irritation of nose, mouth, and upper respiratory tract, coughing, difficulty breathing, as well as headaches dizziness or nausea at high concentrations.

**12. ECOLOGICAL INFORMATION****Persistence and degradability**

Expected to be readily biodegradable

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available

**Other adverse effects**

This product contains ingredients that are hazardous to aquatic life. Do not release into natural waters.

**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.

**16. OTHER INFORMATION**Preparation Date

January 11, 2023

Revision Date

July 10, 2025

Revision Note

Emergency contact information updated

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 Safety Data Sheet**