

# PL-900

## SECTION 1. IDENTIFICATION

**Product Identifier** PL-900  
**Other Means of Identification** Rust Inhibitor  
**Recommended Use** Applied to underbody of vehicles to inhibit rust formation.  
**Restrictions on Use** None known.  
**Manufacturer / Supplier** Transchem Inc., 1225 Franklin Blvd, Cambridge, ON, N1R 7E5, 1-800-265-9100, www.transchem.com  
**Emergency Phone No.** INFOTRAC (U.S.), 1-800-535-5053, 24 Hours  
 CANUTEC (Canada), 613-996-6666, 24 Hours  
**SDS No.** Ver. 2 (September 12, 2017)  
**Date of Preparation** August 24, 2015

## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2B

### GHS Label Elements



Signal Word:

Warning

Hazard Statement(s):

H315 Causes skin irritation.

H320 Causes eye irritation.

Prevention:

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves.

P280 Wear eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

### Other Hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients. Mixture:

Chemical Name	CAS No.	%	Other Identifiers
2-Cyclohexene-1-octanoic acid, 5(or 6)-carboxy-4-hexyl-	53980-88-4	<1	N/A

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## Notes

The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice/attention if you feel unwell or are concerned.

#### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Clean clothing, shoes and leather goods. If skin irritation occurs get medical advice/attention.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

#### Ingestion

Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Rinse mouth with water. Drink large amounts of water. Immediately call a Poison Centre or doctor.

### Most Important Symptoms and Effects, Acute and Delayed

If on skin: may cause mild irritation. Repeated or prolonged exposure can irritate the skin. Symptoms include pain, redness, and swelling. If in eyes: may cause moderate to severe irritation. Symptoms include sore, red eyes, and tearing.

### Immediate Medical Attention and Special Treatment

#### Target Organs

Eyes, skin.

#### Special Instructions

Rinse affected area (skin, eyes) thoroughly with water.

#### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Hazardous combustion products: oxides of carbon and nitrogen. Do not direct solid stream of water into burning liquid. Contact with water causes violent frothing and spattering.

### Special Protective Equipment and Precautions for Fire-fighters

Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills.

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

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Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up.

Small spills or leaks:

Contain and soak up spill with absorbent that does not react with spilled product. Do not use combustible materials such as sawdust. Place used absorbent into suitable, covered, labelled containers for disposal.

Large spills or leaks: dike and recover contaminated water for appropriate disposal.

Review Section 13 (Disposal Considerations) of this safety data sheet. Contact emergency services and manufacturer/supplier for advice.

#### **Other Information**

Report spills to local health, safety and environmental authorities, as required.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

See Section 13 (Disposal Considerations) of this safety data sheet. Wear personal protective equipment to avoid direct contact with this chemical.

### **Conditions for Safe Storage**

Store in an area that is: clean, dry. Store in a closed container. Keep from freezing. Comply with all applicable health and safety regulations, fire and building codes. Separate from incompatible materials (see Section 10: Stability and Reactivity).

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control Parameters**

Not available.

### **Appropriate Engineering Controls**

General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

### **Individual Protection Measures**

#### **Eye/Face Protection**

Wear chemical safety goggles.

#### **Skin Protection**

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### **Respiratory Protection**

Not normally required if product is used as directed.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Basic Physical and Chemical Properties**

<b>Appearance</b>	Light amber liquid.
<b>Odour</b>	Mild
<b>Odour Threshold</b>	Not available
<b>pH</b>	7.0 - 9.0
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	> 212 °F
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Will not burn.
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	1.0
<b>Solubility</b>	Soluble in water

<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Incompatible materials.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

### Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; hydrocarbons.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
2-Cyclohexene-1-octanoic acid, 5(or 6)-carboxy-4-hexyl-		> 6,000 mg/kg (rat)	

### Skin Corrosion/Irritation

Human experience shows mild irritation.

### Serious Eye Damage/Irritation

Human experience shows mild irritation. Symptoms include sore, red eyes, and tearing.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

May cause nose and throat irritation, lung irritation.

#### Ingestion

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

### Aspiration Hazard

No information was located.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Prolonged or repeated exposure can cause drying, defatting, and dermatitis.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

Not on ACGIH, IARC, NTP and OSHA lists.

### Reproductive Toxicity

#### Development of Offspring

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No indication from ingredients.

**Sexual Function and Fertility**

No indication from ingredients.

**Effects on or via Lactation**

No indication from ingredients.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

All components of this product are biodegradable by Regulation (EC) No 648/2004.

**Toxicity**

**Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Cyclohexene-1-octanoic acid, 5(or 6)-carboxy-4-hexyl-	15 mg/L (Pimephales promelas (fathead minnow); 96-hour)			

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Review federal, state/provincial, and local government requirements prior to disposal.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15. REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

**Canada**

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are commercially available and presumed to be listed by manufacturer.

**Additional USA Regulatory Lists**

SARA Title III - Section 313: No listed substances are known to be present.

New Jersey Right To Know: Potassium hydroxide (CAS: 1310-58-3).

California Proposition 65: No listed substances are known to be present.

**SECTION 16. OTHER INFORMATION**

**NFPA Rating** Health - 1 Flammability - 0 Instability - 0

**SDS Prepared By** Technical Group

**Date of Preparation** August 24, 2015

**Revision Indicators** The following SDS content was changed on September 12, 2017:

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SECTION 2. HAZARDS IDENTIFICATION; GHS Label Elements.  
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS; Ingredient Information.  
SECTION 4. FIRST-AID MEASURES; Skin Contact; Eye Contact.  
SECTION 5. FIRE-FIGHTING MEASURES; Specific Hazards Arising from the Chemical;  
Special Protective Equipment and Precautions for Fire-fighters.  
SECTION 6. ACCIDENTAL RELEASE MEASURES; Methods and Materials for Containment  
and Cleaning up.  
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES; Relative Density; pH.  
SECTION 11. TOXICOLOGICAL INFORMATION; LC50/LD50 values; Serious Eye  
Damage/Irritation.  
SECTION 12. ECOLOGICAL INFORMATION; Acute Aquatic Toxicity.  
SECTION 15. REGULATORY INFORMATION; Toxic Substances Control Act (TSCA) Section  
8(b).

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