



## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product:	Pacesol™
Product Code:	PSOL
Product Use:	Degreaser that is suitable for removing oil, grease and grime
New Zealand Supplier:	Car Clean Products NZ Limited
Address:	33 Ha Crescent Wiri Auckland
Telephone:	09 250 0091
Fax Number:	09 250 0092
Emergency Telephone:	<b>0800 POISON (0800 764 766)</b>
Date of MSDS Preparation:	March 2019

### Section 2. Hazards Identification

#### Potential Health Effects



#### DANGER

**H304** May be fatal if swallowed and enters airways  
**H312** Harmful in contact with skin  
**H332** Harmful if inhaled

#### Swallowed

Acute oral LD50 (rat) expected to be above 2000 mg/kg.  
 Aspiration into the lungs may cause chemical pneumonitis which can be fatal

#### Eyes

Mild irritant. May cause transitory pain, redness

#### Skin

Acute dermal LD50 (rat) expected to be above 2000 mg/kg.  
 Slight irritant

Inhalation  
May cause

Acute inhalational LC50 (rat) expected to be > 5 mg/l.

headache, dizziness, nausea, and narcosis

### Section 3. Composition / Information on Ingredients

This product represents a low toxicological hazard based on the nature and amounts of ingredients

Ingredients	Proportion (% mass)	Cas No
High Aromatic White Spirit	>50	64742-88-7
Ethylene Glycol Monobutyl Ether	<10	111-76-2
Xylenes	>10	8026-09-3
Nonylphenol Ethoxylate	<5	9016-45-9
Cocoamidopropyl Betaine	<5	61789-40-0

### Section 4. First Aid Measures

Routes of Exposure:

Eye	Flush with cold water for at least 15 minutes. Seek medical attention if problems persists
Skin	If skin contact causes irritation remove contaminated clothing and wash thoroughly with soap and water
Ingestion	Do not induce vomiting. Give nothing by mouth. If patient continues to be distressed seek medical attention immediately
Inhalation	Remove to fresh air. If breathing is difficult seek medical attention immediately

### Section 5. Fire Fighting Measures

Suitable Extinguishing media	Foam, water sprays or fogs. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not use water jets
Fire and Explosion hazards	Carbon monoxide may be evolved if incomplete combustion occurs. Product will float and can be reignited on surface water. The vapour is heavier than air, spreads along the ground and distant ignition is possible

Fire Fighting Instructions

Wear full protective clothing and self-contained breathing apparatus  
**Hazchem 3Y**

## Section 6. Accidental Release Measures

Land Spill or Leaks

Small - Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum. Scrub contaminated surfaces with detergent solution. Retain washings as contaminated waste.

## Section 7. Handling and Storage

Handling Advice:

Avoid contact with skin and eyes. Do not breathe vapour. No smoking. Evacuate the area of all non-essential personnel. Shut off leaks, if possible without personal risk

Storing Procedures:

Store at ambient temperatures. Keep containers tightly closed and in a well-ventilated place. Keep away from direct sunlight and other sources of heat or ignition. Do not smoke in storage areas

## Section 8 Exposure Controls / Personal Protection

Engineering Controls:

Use only in well ventilated areas. Avoid prolonged or repeated contact with skin. Do not breathe spray/mists. Take precautionary measures against static discharges. Earth all equipment. Avoid splash filling. Do not use compressed air for filling, discharging or handling. If positive displacement pumps are used, these must be fitted with a non-integral pressure relief valve. Restrict line velocity during pumping in order to avoid generation of electrostatic discharge

Personal Protective Equipment:

If risk of inhalation exists, wear half mask respirator with organic vapour cartridge and built-in particulate filter NPF 20 (gas only). Wear chemical monogoggles for eye protection and PVC gloves, chemical resistant safety shoes or boots and standard issue work clothes.

Not a skin sensitiser. Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis.

Advice to Doctor - Dermatitis may result from prolonged or repeated exposure. Aspiration into the lungs may cause chemical pneumonitis.

## Section 9 Physical and Chemical Properties

Appearance	Brown Liquid
Odour:	Aromatic Odour
Odour threshold	Data not available
pH:	N/A
Melting/Freezing point	Data not available
Initial boiling point/range	Data not available
Flash point	36.5°C
Flammability	Data not available
Upper/Lower flammability limits	Data not available
Vapour pressure	0.3 mm Hg
Vapour density	Data not available
Relative density	>1
Solubility in water, % mass:	Insoluble
Partition coefficient	Data not available
Auto-ignition temperature	250°C
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

## Section 10. Stability and Reactivity

Chemical Stability	Flammable. In use, may form flammable/explosive vapour-air mixture. Avoid sources of heat, naked flames and sparks
Conditions to Avoid	Avoid prolonged or repeated contact with skin. Do not breathe spray/mists. Take precautionary measures against static discharges. Earth all equipment. Avoid splash filling. Do not use compressed air for filling, discharging or handling. If positive displacement pumps are used, these must be fitted with a non-integral pressure relief valve. Restrict line velocity during pumping in order to avoid generation of electrostatic discharge
Incompatibility	Strong oxidizing agents – peroxides, nitrates etc
Hazardous Decomposition Products	Carbon monoxide in a fire

## Section 11 Toxicological Information

Acute Oral Toxicity	Acute oral LD50 (rat) expected to be above 2000 mg/kg. Aspiration into the lungs may cause chemical pneumonitis which can be fatal
Acute Dermal Toxicity	LD50 (rat) dermal > 5000 mg / kg
Inhalation	Acute inhalational LC50 (rat) expected to be > 5 mg/l. May cause headache, dizziness, nausea, and narcosis

Long term Effects  
Toxicological Data

Not assessed to be carcinogenic or mutagenic  
Not available

## Section 12. Ecotoxicological Information

### Environmental Precautions:

#### *Ecological Toxicity*

Prevent contamination of soil and water. Large volumes may penetrate soil and could contaminate groundwater. Readily biodegradable and oxidises rapidly by photochemical reactions in air. Expected to be toxic to aquatic organisms and organisms in sewage treatment plants

#### Environmental Fate:

Prevent contamination of soil and water. Large volumes may penetrate soil and could contaminate groundwater. Readily biodegradable and oxidises rapidly by photochemical reactions in air

#### *Water*

Expected to be toxic to aquatic organisms and organisms in sewage treatment plants

Environmental Exposure Limits EEL<sub>water</sub> Not set

## Section 13. Disposal Considerations

Disposal of residues of this product can be burnt or sent to an approved landfill. They must be prevented from entering the sewer or stormwater.

Containers must be crushed or punctured so that they cannot be used for any other purpose or sent to an approved landfill or exported from New Zealand. (see [www.ermanz.govt.nz](http://www.ermanz.govt.nz) – Group Standards – Cleaning product (combustible) for a complete description of disposal requirements).

## Section 14 Transport Information

### Road, Rail, Marine and Air Transport

UN No	1993
Class-primary	3
Packing Group	III
Proper Shipping Name:	Flammable Liquids N.O.S.

## Section 15 Regulatory Information

Classification	3.1C, 6.1E, 6.4A, 9.1B
Group Standard	Cleaning product (flammable)
ERMA Approval No	HSR002528

<b>Section 16</b>	<b>Other Information</b>
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Supplied in 4lt, 20lt, 200lt. Code: PSOL4, PSOL20, PSOL9.

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The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited,  
Phone: 09 250 0091, if further information is required.

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[www.pacer.co.nz](http://www.pacer.co.nz)



Car Clean Products NZ Limited  
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33 Ha Crescent, Wiri - P O Box 97 948 - Manukau - Auckland 2241 - New Zealand

## **PACESOL™**

### **PURPOSE:**

Pacesol™ is a high quality solvent degreaser that is suitable for removing oil, grease and grime. Pacesol™ is water-soluble and ideal for degreasing machinery, parts, and engines. Pacesol is suitable for de-waxing vehicles, removing tar and cleaning oil from concrete.

### **DIRECTIONS:**

**Degreasing:** Spray onto the surface, allow to penetrate and scrub if necessary. Rinse with hot or cold water.

### **CAUTION:**

**DO NOT USE WHEN THE ENGINE IS HOT**

### **WARNING:**

Harmful if swallowed or inhaled. Eye or skin contact may cause irritation.

### **DANGER:**

**GIVES OFF A HIGHLY FLAMMABLE VAPOUR.**

Keep well away from heat, sparks and an open flame. Keep the container closed when not in use.

**KEEP OUT OF REACH OF CHILDREN.**