

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 2104
New Zealand
Telephone: 09 25000 91
Fax Number: 09 25000 92
Email: sales@pacer.co.nz

Emergency Telephone Number: 0800 POISON (0800 764 766)

Date of MSDS Preparation: November 2024

Section 2. Hazards Identification

Classification: Flammable liquids Category 3
Eye irritation Category 2
Hazardous to the aquatic environment chronic Category 2

GHS Signal Word: WARNING

GHS Hazard Statements: H226 Flammable liquid and vapor
H319 Causes serious eye irritation
H411 Toxic to aquatic life with long lasting effects

GHS Pictogram:



Precautionary Statements:

Prevention:

- P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.,
- P240 Ground/bond container and receiving equipment.,



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- P241 Use explosion-proof equipment.
P242 Use only non-sparking tools.,
P243 Take precautionary measures against static discharge.,
P264+P265 Wash hands thoroughly after handling. Do not touch eyes.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.

Response:

- P303+P361 IF ON SKIN (or hair): Take off Immediately all contaminated clothing.
+P353 Rinse SKIN with water [or shower].
P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove
+P338 contact lenses if present and easy to do - continue rinsing.
P337+P317 If eye irritation persists: Get medical help
P370+P378 In case of fire: Use Foam, water sprays or fogs to extinguish.
P391 Collect spillage.

Storage:

- P403+P235 Store in a well-ventilated place. Keep cool.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/international regulations.

Potential Health Effects:

- 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 Acute inhalational LC50 (rat) expected to be > 5 mg/l. May cause headache, dizziness, nausea, and narcosis

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
High Aromatic White Spirit	>50	64742-88-7
Ethylene Glycol Monobutyl Ether	<10	111-76-2

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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 persist
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 Code 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.
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Section 7. Handling and Storage



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- 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.
- If risk of inhalation exists, wear half mask respirator with organic vapour cartridge and built-in particulate filter NPF20 (gas only). Wear chemical monogoggles for eye protection and PVC gloves, chemical resistant safety shoes or boots and standard issue work clothes.
- Personal Protective Equipment:** 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



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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	Not assessed to be carcinogenic or mutagenic.
Toxicological Data	Not available.

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Section 12. Ecotoxicological Information

Environmental Precautions:

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.

Ecological Toxicity:

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 water Not set.

Section 13. Disposal Considerations

Disposal Methods 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.

Section 14 Transport Information

Road, Rail, Marine and Air Transport:

UN No : 1993

DG Class : 3

Packing Group : III

Shipping Name : Flammable Liquids N.O.S. (High Aromatic White Spirit)

Section 15 Regulatory Information

HSNO approval code: HSR002528 Cleaning Products (Flammable)
Group Standard 2020.



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Section 16 Other Information

Supplied in 4lt, 20lt, 200lt. Code: PSOL4, PSOL20, PSOL9

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.



SAFETY DATA SHEET **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

KEEP OUT OF REACH OF CHILDREN.