



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	Penetrating Oil
Product Code:	PO
Product Use:	An ideal product to lubricate and inhibit corrosion on such things as parts, tools, squeaky hinges, locks, springs, door catches, bike chains, nuts and bolts and so on
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:	0800 POISON (0800 764 766)
Date of MSDS Preparation:	July 2015

Section 2. Hazards Identification

Potential Health Effects



DANGER	H226 Flammable liquid and vapour
	H304 May be fatal if swallowed and enters airways
	H302 Harmful if swallowed
	H312 Harmful if contact with skin

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	Not irritating
Skin	Acute dermal LD50 (rat) expected to be above 5000 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 No
Low Aromatic White Spirits	>50	64742-82-1
Hypax	<10	67674-13-9
Ethyleneglycol monobutyl ether	<10	111-76-2

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, Carbon Dioxide, Dry Chemical, Water Spray
Fire and Explosion hazards	Flammable
Fire Fighting Instructions	Fire fighters must use recommended protective equipment and self-contained breathing apparatus. Cool storage drums with water spray

Section 6. Accidental Release Measures

Land Spill or Leaks	Remove containers to a detached area. Bund material (eg sand, earth etc.) Transfer remaining product in container and solid absorbent materials to separate container for disposal. Dispose of waste at an appropriate waste disposal facility
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Section 7. Handling and Storage

Handling Advice:	In use, may form flammable/explosive vapour-air mixture. Avoid sources of heat, naked flames and sparks.
Storing Procedures:	Store away from excessive heat, vapour accumulation, sparks, flames, or a build up of static electricity. Avoid contact with strong oxidisers

Section 8 Exposure Controls / Personal Protection

Engineering Controls:	Avoid conditions of extreme heat, flames, sparks or a build-up of static electricity. Exposure to strong oxidising agents should also be avoided. Use only in well ventilated areas
Personal Protective Equipment:	Goggles and gloves must be worn for bulk handling or transfer. Approved respiratory protection must be used in high vapour or mist concentrations

Section 9 Physical and Chemical Properties

Appearance	Amber Liquid
Odour:	Mild hydrocarbon odour
Odour threshold	Data not available
pH:	not applicable
Melting/Freezing point	Data not available
Initial boiling point/range	Data not available
Flash point	36°C
Flammability	Data not available
Upper/Lower flammability limits	Data not available
Vapour pressure	0.4 MM Hg
Vapour density	Data not available
Relative density	>1
Solubility in water	Insoluble
Partition coefficient	Data not available
Auto-ignition temperature	Data not available
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Chemical Stability	Stable. Will not react or polymerise
Conditions to Avoid	Flammable. In use, may form flammable/explosive vapour-air mixture. Avoid sources of heat, naked flames and sparks.

Incompatibility Strong oxidizers eg peroxides, nitrates

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

Long term Effects Not likely to be carcinogenic or mutagenic

Toxicological Data No data available

Section 12. Ecotoxicological Information

Environmental Precautions:

Ecological Toxicity Not readily biodegradable and has potential to harm marine and terrestrial vertebrates and invertebrates

Environmental Fate:

Soil Not readily biodegradable and has potential to bioaccumulate

Water Not readily biodegradable and has potential to bioaccumulate

Environmental Exposure Limits EEL_{water} Not set

Section 13. Disposal Considerations

Dispose of waste at an appropriate waste disposal facility in accordance with local authority bylaws.

Empty and open containers can retain vapour residues for long periods of time risking unintended ignition or explosion. Puncture or crush before sending to a landfill.

Section 14 Transport Information

Road, Rail, Marine and Air Transport

UN No 1993

Class-primary 3

Packing Group II

Proper Shipping Name: Flammable Liquids N.O.S.

Section 15 Regulatory Information

Classification 3.1C, 6.1E, 6.4A, 9.1C
Group Standard Lubricant (Flammable)
ERMA Approval No HSR002603

Section 16 Other Information

Supplied in 4lt, 20lt containers. Code: PO4, PO20.

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.

www.pacer.co.nz



For Professional Results

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PENETRATING OIL

PURPOSE:

Penetrating Oil is ideal to lubricate and inhibit corrosion on such things as parts, tools, squeaky hinges, locks, springs, door catches, bike chains, nuts and bolts and so on. Penetrating Oil is a fluid to displace moisture from engine and electrical systems leaving a rust inhibiting film.

DIRECTIONS:

Spray Penetrating Oil on the components to be treated allowing it to penetrate the affected areas. To assist the freeing of frozen parts components can be soaked overnight.

To remove moisture from electrical components spray the contacts directly and then reassemble.

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.