



Material Safety Data Sheet

Section 1 - Identification of The Material and Supplier

Product Name: Solvent Parts Wash
Product Use: Industrial Solvent
Supplier: Lubricants NZ LTD
22 Marphona Crescent
Takanini 2105
NEW ZEALAND
Phone: (09) 640 0004
Fax: (09) 266 4004



EMERGENCY

TELEPHONE NUMBER: 0800 734 607
Creation Date: June, 2014
This version issued: December 22 and is valid for 5 years from this date.

Section 2 - Hazards Identification

New Zealand Regulatory Information: Classified as hazardous under current New Zealand regulations. Xn: Harmful; Xi: Irritant

Risk Phrases

R65: Harmful: May cause lung damage if swallowed
R66: Repeated contact may cause skin dryness or cracking

Safety Phrases

S23: Do not breathe vapour/mist/spray
S24: Avoid contact with skin
S43A: In case of fire use sand, earth, chemical powder or foam
S46: If swallowed, seek medical advice immediately and show this container or label

Dangerous Goods Classification 3

Poisons Schedule 5

Group Standard: Cleaning Products (Flammable) Group Standard 2006

HSNO Approval Number: Group Standard HSR002528

HSNO Classes: 3.1C, 6.1E, 6.3B, 6.4A, 6.9B, 9.1B

Physical/chemical hazards: Flammable liquid

Environmental hazards: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Emergency Overview

Physical Description & Colour: Clear liquid.

Odour: Characteristic odour.

Potential Health Effects

Effects and symptoms:

Eyes: Flush eyes with large amounts of water until irritation subsides. Seek immediate medical attention.

Skin: Causes skin irritation.

Inhalation: May cause irritation to eyes, nose and throat due to exposure to vapour, mists or fumes.

Ingestion: Aspiration hazard if swallowed -- harmful or fatal if liquid is aspirated into lungs.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc %
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	64742-47-8	>100
DETERGENTS & WETTING AGENTS	9016-45-9	>100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 0800 764 766 and is available at all times. Have this MSDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Gently blot away excess liquid. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye Contact: Quickly and gently blot material from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Section 5 - Fire Fighting Measures

Shut off product that may 'fuel' a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with this Material Safety Data Sheet.

Prevent extinguishing media from escaping to drains and waterways.

Suitable extinguishing media: Dry chemical or foam

Hazards from combustion products: Carbon dioxide and carbon monoxide

Precautions for fire fighters and special protective equipment: Full protective clothing and self-contained breathing apparatus **Hazchem Code:** 3(Y)E

Section 6 - Accidental Release Measures

Emergency Procedures

Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum.

Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment

Major Land Spill



Material Safety Data Sheet

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard.
- Prevent liquid from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimise the effect on the ground water.
- Contain the spilled liquid with sand or earth.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local regulations.
- See “First Aid Measures” and “Stability and Reactivity”

Major Water Spill

- Eliminate any sources of ignition.
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

Section 7 - Handling and Storage

Precautions for safe handling

This product is flammable. Do not open near open flame, sources of heat or ignition. No smoking. Keep container closed. Handle containers with care. Open slowly to control possible pressure release. Material will accumulate static charge. Use grounding leads to avoid discharge (electrical spark).

Conditions for safe storage

Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, heat or weld containers – residual vapours are flammable. This product is flammable and will fuel a fire in progress.

Incompatible materials

Natural Rubber, Butyl Rubber, EPDM, Polystyrene.

Section 8 - Exposure Controls and Personal Protection

The following Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **NZS 1715**, Protective Gloves: **NZ 2161**, Occupational Protective Clothing: **NZS 4501** Industrial Eye Protection: **NZS 1337**, Occupational Protective Footwear: **NZS2210**.

Engineering Controls: Ventilation

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.



Material Safety Data Sheet

Personal Protective Equipment

Respiratory Protection: Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type "A" filter material is considered suitable for this product.

Eye Protection: Always use safety glasses or a face shield when handling this product.

Skin/ Body Protection: Always wear long sleeves and long trousers or coveralls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Clear liquid.
Odour:	Characteristic odour.
Boiling Point:	163-190
Freezing/Melting Point:	No specific data. Liquid at normal temperatures.
Volatility:	100%.
Vapour Pressure:	0.183 kPa @ 20°C
Vapour Density:	>1 kPa @ 20°C
Specific Gravity:	0.77 at 15°C
Water Solubility:	< 0.10 %ww
pH:	No data.
Autoignition temp:	>200°C
Flash point:	40°C

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact your supplier for advice on shelf life properties.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Containers should be kept dry.

Incompatibilities: strong oxidising agents.

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide, various hydrocarbons, aldehydes and smoke. Water is also formed. Small quantities of oxides of nitrogen, sulfur, zinc and phosphorus. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Acute Effects

Ingestion

Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting large amounts of this product will result in headaches, nausea, dizziness, and tracheal burning.

Eye Contact

This product is irritating to eyes, but will not permanently damage the eye tissue

Skin Contact

This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.

Inhalation

Inhalation of this product will yield moderate discomfort in large quantities. Vapour concentrations are irritating to nose and throat. Overexposure may be evident through dizziness, nausea, headaches and other central nervous system effects.

Chronic Effects

No chronic health data is available for this product.

Other Health Effects Information

None

Toxicological Information

Oral LD50: Not available

Skin and Inhalation LD50: Not available.

Section 12 - Ecological Information

Ecotoxicity

Aquatic Toxicity

Fish Toxicity (rainbow trout, goldfish, bluegill): LC50(96hr): Based on data for a similar component or preparation, this product is expected to be toxic to aquatic organisms.

Daphnia Magna EC50 (24 hr): Not available

Blue-green algae (Toxicity threshold 7-8 days): Not available

Green algae (Toxicity threshold 7-8 days): Not available

Persistence/ degradability

This product can degrade rapidly in air. This substance is expected to be removed in wastewater treatment. Based upon data for a similar components or estimated data, this product is expected to biodegrade rapidly and be 'readily' biodegradable according to OECD guidelines.

Mobility

This product is highly volatile and will rapidly evaporate to the air if released into the water

Section 13 - Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable, consider controlled incineration. Do not dispose of in landfill.

Section 14 - Transport Information

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	1993	UN No.	1993	UN No.	1993
Proper Shipping Name	Liquid Hydrocarbons, NOS	Proper Shipping Name	Liquid Hydrocarbons, NOS	Proper Shipping Name	Liquid Hydrocarbons, NOS



Material Safety Data Sheet

DG Class	3.1C	DG Class	3.1C	DG Class	3.1C
Sub. Risk	9	Sub. Risk	9	Sub. Risk	9
Pack Group	II	Pack Group	II	Pack Group	II
Hazchem	3(Y)E	Hazchem	3(Y)E	Hazchem	3(Y)E

Section 15 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.