

# SOLVENT SUPPLIES LTD

33 Miro Street  
Otaki NZ

Website: [www.solventsupplies.co.nz](http://www.solventsupplies.co.nz)  
Email: [support@solventsupplies.co.nz](mailto:support@solventsupplies.co.nz)

## Section 1: Identification of the Material and Supplier

**Product Name:** Silk Screen Cleaner  
**Other Names:** Light aromatic solvent naphtha (petroleum)  
**UN number:** 3095  
**Dangerous Goods Class:** 3b  
**Subsidiary Risk:** Not applicable  
**Hazchem Code:** 3[Y]  
**Toxic Substances Schedule:** Harmful substance  
**Company Name:** Solvent Supplies Limited  
**Address:** 33 Miro Street, Otaki, New Zealand

**Email:** [support@solventsupplies.co.nz](mailto:support@solventsupplies.co.nz)

### Emergency Telephone:

**New Zealand:** 0800 737 363 Monday to Friday 8.00am – 4.30pm  
New Zealand Poisons Centre: 0800 764 766

**Australia** 1800 738 383  
Australian Poisons Centre: 1800 131 126

## Section 2: Physical Description



<b>Appearance and odour:</b>	Clear liquid with aromatic odour
<b>Average molecular weight:</b>	120
<b>Boiling point C:</b>	155-174
<b>Melting point C:</b>	Not applicable
<b>Vapour pressure @ 20C, kPa:</b>	0.3
<b>Vapour density (air=1):</b>	> 1
<b>Density @ 15C, kg/l:</b>	0.875
<b>Flash point, C (Abel):</b>	53
<b>Flammability limits, % vol:</b>	LEL 0.8, UEL 6.0
<b>Auto ignition temperature, C:</b>	450
<b>Solubility in water:</b>	Not soluble

Silk Screen Cleaner ©Solvent Supplies Ltd

**Date:** April 2024

**Review:** March 2029

Section 3:	Hazardous Ingredients
------------	-----------------------

Substances listed in this section are only those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens.

Component:	Proportion (% mass)
Methyl Proxitol Acetate (PMA)	20-70%
RI50	20-70%
Ethyl Acetone	10-20%
Butyl Oxitol	2-5%

Section 4:	Health Hazard Information
------------	---------------------------

<b>Swallowed:</b>	Acute oral LD50 (rat) > 2000 mg/kg. Aspiration to the lungs may cause chemical pneumonitis which can be fatal.
<b>Eye:</b>	Irritating. May cause transitory pain.
<b>Skin:</b>	Acute dermal LD50 (rat) > 2000 mg/kg. Slight irritant.
<b>Inhalation:</b>	Acute inhalational LC50 (rat) greater than near saturated vapour concentration. May cause headache, dizziness, nausea and narcosis. May cause skin irritation of mucous membrane.
<b>Supplementary Data:</b>	Not a skin sensitizer. Prolonged or repeated contact may cause defatting of the skin which can lead to dermatitis.

Section 5:	First Aid
------------	-----------

In all cases of suspected poisoning seek Medical Aid immediately. In the interim, the following first aid measures are appropriate. Poisons and Hazardous Chemicals Information Centre: for URGENT information phone NZ (03) 474-7000.

<b>Swallowed:</b>	Do not induce vomiting. Give nothing by mouth. If rapid recovery does not occur obtain medical attention.
<b>Eye:</b>	Flush eye with water.
<b>Skin:</b>	Wash skin with water using soap if available. If persistent irritation occurs obtain medical attention.
<b>Inhalation:</b>	Remove to fresh air.
<b>Advice to doctor:</b>	

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

Section 6:	Safe Handling Information
------------	---------------------------

### Storage and Transport:

<b>Proper Shipping name:</b>	Hydrocarbons Liquid N.O.S (Solvent Naptha)
<b>Hazard Class:</b>	3
<b>Hazard Labels:</b>	Required
<b>Packing Group:</b>	III
<b>Air Transport:</b>	Refer to current IATA/ICAO regulations.
<b>Marine Transport:</b>	Refer to current IMDG regulations. Classified as a marine pollutant.
<b>Road Transport:</b>	Refer to current edition of NZS 5433.
<b>Miscellaneous:</b>	Store at ambient temperatures. Keep containers tightly closed and in a well ventilated place. Do not smoke in storage area.

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

### Spills and Disposal:

<b>Small Spills:</b>	<ul style="list-style-type: none"><li>✚ Absorb or contain liquid with sand, earth or spill control material.</li><li>✚ Shovel up and place in a labeled, sealable container for subsequent safe disposal.</li><li>✚ Put leaking containers in a labeled drum or over drum.</li><li>✚ Scrub contaminated surfaces with detergent solution.</li><li>✚ Retain washings as contaminated waste.</li></ul>
<b>Large Spills:</b>	<ul style="list-style-type: none"><li>✚ Transfer to a labeled sealable container for product recovery or safe disposal.</li><li>✚ Treat residues as for small spillage.</li></ul>

### Fire/Explosion Hazard:

<b>Fire/Explosion Hazard:</b>	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 and spreads along the ground and distant ignition is possible.
<b>Extinguishing Media:</b>	Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not use water jets.
<b>Special Fire Precautions:</b>	Wear full protective clothing and self contained breathing apparatus.

### Other Information:

<b>Environmental Precautions:</b>	Prevent contamination of soil and water. Large volumes may penetrate soil and could contaminate groundwater. Readily biodegradable and oxidizes rapidly by photochemical reactions in air. Toxic to aquatic organisms and organisms in sewage treatment plants.
-----------------------------------	---

Section 7:	Precautions for use:
------------	----------------------

<b>Exposure Limits:</b>	None established. Recommended TLV/TWA is 100 ppm (500 mg/m <sup>3</sup> ) based on occupational exposure limits assigned to the components of this product.
<b>Engineering Controls:</b>	Use only in well ventilated areas.
<b>Flammability:</b>	Flammable. In use, may form flammable/explosive vapour-air mixture. Avoid sources of heat, naked flames and sparks.
<b>Miscellaneous:</b>	Avoid prolonged or repeated contact with skin. Do not breathe spray/mists. Take precautionary measures against static discharges. Earth all equipment. Avoid splashes when filling. Do not use compressed air for filling. If positive displacement pumps are used, these must be fitted with non-integral pressure relief valve. Restrict line velocity during pumping in order to avoid generation of electrostatic discharge.

Section 8:	Personal Protection
------------	---------------------

<b>Normal Operation:</b>	<b>Respiratory:</b>	If risk of inhalation exists, wear half mask respirator with organic vapour cartridge and built-in particulate filter NPF 20 (gas only).
	<b>Eye:</b>	Wear chemical mono goggles or full face protective visor.
	<b>Skin:</b>	Wear chemical resistant gloves, safety shoes or boots and standard issue dust coat.
<b>Spillage:</b>	<b>Respiratory:</b>	Wear full face piece respirator with organic vapour canister and built in particulate filter NPF 400 (gas only). In a confined space, wear self contained breathing apparatus open circuit type NPF 2000.
	<b>Eye:</b>	Covered by respiratory protection.
	<b>Skin:</b>	Wear gauntlet type solvent resistant gloves, knee length rubber safety boots and PVC one piece safety suit with integral hood.

Section 9:	Other Information
------------	-------------------



**Date of Preparation:** April 2024

**Abbreviations:**

**AICS:** Australian Inventory of Chemical Substances  
**BEI:** Biological Exposure Index  
**b.w:** Body Weight  
**CAS Number:** Chemical Abstracts Number

<b>HSNO:</b>	Hazardous Substance & New Organisms
<b>IARC:</b>	International Agency for Research on Cancer
<b>NIOSH:</b>	National Institute of Occupational Safety & Health
<b>NOHSC:</b>	National Occupational Health & Safety Commission
<b>NZIoC:</b>	New Zealand Inventory of Chemicals
<b>P.P.M:</b>	Parts per million of vapour or gas in air (by volume) at 25 OC @ atmospheric pressure
<b>REL:</b>	Recommended Exposure Limits
<b>STEL:</b>	Short Term Exposure Limit (15 minute exposure period)
<b>TWA:</b>	Time Weighted Average
<b>WES:</b>	Workplace Exposure Standard
<b>Marine Pollutant:</b>	Marine Pollutant

**Safety data sheets are updated frequently. Please ensure you have a current copy.**

**Disclaimer:**

*Before using this product, read its label carefully to ensure that you understand its contents. The information contained herein is based on data considered accurate and reliable to the best of our knowledge and belief of the date compiled. However no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use hereof. Solvent Supplies Limited assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such users or vendor assume all risks associated with the use of the material. It is the user's responsibility to satisfy themselves as to the suitability and completeness of the information for their own particular use. The users must determine whether the use of the information and data is in accordance with local laws and regulations.*