

MATERIAL SAFETY DATA SHEET

Classified as hazardous according to the criteria of Worksafe Australia.

MSDS Issued May 2016

Issue No. 6

De-Solv-It Solution

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: De-Solv-It Solution

Other names: NONE

Recommended use: Sticky spot and stain remover.

Supplier name and Contact details:

Vardon Industries Pty Ltd (ABN 35105295430)
4 Kitchen Road
DANDENONG SOUTH VIC 3175
Tel: 03 9706 4177 **Fax :** 03 9706 4233

SECTION 2. HAZARDS IDENTIFICATION

UN Number: Not Applicable
Hazchem Code: Not Applicable
Dangerous Goods Class: Not Applicable
Subsidiary risk: Not Applicable
Emergency Procedure Guide: Not Applicable
Poisons Schedule: S5

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Chemical identity of
Ingredients:

Chemical Entity:	CAS No:	Proportion
Aliphatic hydrocarbon solvent	64742-88-7	40-80%
D-Limonene	5989-27-5	10-20%
Surfactants	68131-39-5	1-10%

All constituent chemicals are listed in the Australian Inventory of Chemical Substances (AICS)

SECTION 4. FIRST AID MEASURES

Acute Effects:

Swallowed: The liquid may be harmful if swallowed. Swallowing can result in nausea, vomiting and diarrhea. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

Eye: Contact with eyes may cause moderate irritation. The vapour is mildly irritating to the eyes.

Skin: Unlikely to be a skin irritant unless exposure is prolonged. Frequent or prolonged exposure will de-fat the skin leading to discomfort and possible dermatitis in some sensitive individuals.

Inhaled: Not normally an inhalation risk due to low vapour pressure at ambient temperatures. In confined spaces or where ambient ventilation is inadequate, inhalation of vapour may cause irritation to the eyes, headaches, dizziness and respiratory irritation. Small amounts of liquid aspirated into the lungs resulting from accidental swallowing, or from vomiting, may cause lung damage.

Chronic: Repeated or prolonged exposure could result in skin effects, such as dermatitis, in some sensitive individuals.

First Aid:

Swallowed: If poisoning occurs, give a glass of water. Do **NOT** induce vomiting.. If vomiting occurs spontaneously, avoid aspiration into the lungs. **DO NOT** attempt to give liquids to an unconscious person.

Eye: If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation or pain persists, seek medical attention.

Skin: Remove contaminated clothing. Wash skin with water. If irritation occurs, seek medical advice. For excessive exposure, wipe contaminated skin with a clean cloth or paper towel to remove excess material. Then wash thoroughly with soap and water and seek medical attention if irritation persists. Launder clothing before re-use.

Inhaled: Remove contaminated clothing and loosen remaining clothing. Remove from contaminated area. Move to fresh air if possible. If liquid is aspirated into the lungs, seek immediate medical assistance.

First Aid Facilities: Sterile eyewash container/facilities.

Advice to Doctor: Treat symptomatically.

SECTION 5. FLAMMABILITY AND FIRE FIGHTING MEASURES

Flammability: Combustible liquid. Vapour is heavier than air and may travel some distance in, for example, pits and drains to a source of ignition.

Fire Fighting Measures: Combustible liquid. On burning, will emit noxious gases including carbon monoxide and carbon dioxide. Firefighters to wear breathing apparatus if there is a risk of exposure to products of combustion. In case of fire, use water fog, carbon dioxide or dry chemical powder. If safe to do so, remove container from path of fire.

SECTION 6. HANDLING AND STORAGE

Storage: Keep in a cool, well ventilated place, away from open flame and other ignition sources.
Protect containers from physical damage. Avoid contact with strong oxidising agents.
Observe manufacturer's storage instructions.

SECTION 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: None assigned by the National Occupational Health and Safety Commission (NOHSC) for the product. Refer to exposure standards for each component:
Paraffin oil, as oil mist: 5 mg/m³ (TWA), as recommended by the NOHSC.
The exposure standard, expressed as TWA, is the time weighted average airborne concentration for a normal eight-hour day to which nearly all workers can be exposed repeatedly without adverse effects. Exposure standards are issued as guidelines for good practice. All atmospheric contamination should be kept to the lowest practicable level. Exposure standard data should not be used as fine lines to distinguish between safe and unsafe conditions.

Biological Limit Values: N/A

Engineering Controls: Natural ventilation is adequate in most cases.

Personal Protective Equipment: **Eye:** Wear safety glasses when handling large quantities.

Skin: Not required in normal use. Wear suitable, solvent-resistant gloves and long-sleeved overalls when handling large quantities.
It is recommended that nitrile rubber gloves be worn by sensitive individuals.

Respiratory System: Respirators must be worn if exposure cannot be adequately controlled. Ensure respirator is clean and in good working order and comply with AS 1715 and AS 1716.

Other: Always wash hands before eating, drinking, smoking or using the toilet.

SECTION 8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless to pale yellow liquid. Mixes with water.

Odour: Strong citrus odour.

Boiling Point (°C):	> 100	Flash Point (°C):	> 62 (PMCC)
Melting Point (°C):	< 0	Flammability Limits	
Specific Gravity:	0.8 (approx)	LEL (%):	0.6 (solvent)
Solubility in Water (g/L):	Miscible	UEL (%):	7.0 (solvent)
Vapour Pressure (kPa):	< 0.1 @ 20 °C	Autoign Temp (°C):	> 200
Vapour Density (Air=1):	>1	pH (100%):	Not Available
Percent Volatile (%):	> 90	pH (1% solution):	Not Available

SECTION 9. DISPOSAL CONSIDERATIONS

Spills: **General:** Combustible liquid. Extinguish all ignition sources. Slippery when spilt. Avoid accidents. Clean up immediately.

Small Spills: Wash area down with water.

Large Spills: Collect and place in clean, labelled containers for disposal. Wash area down with water.

Disposal: Refer to the State land waste management authority. Normally suitable for disposal by incineration.

SECTION 10. TRANSPORT INFORMATION

Not classified as Dangerous Goods for storage or transport.

SECTION 11. REGULATORY INFORMATION

The liquid is classified as a Combustible Liquid (C1) according to Australian Standard AS 1940-1993.

The material is a Scheduled Poison (S5) and must be stored, maintained and used in accordance with the relevant State Poisons Act.

The material is classified as a Hazardous Substance according to the Worksafe Australia criteria.

Classification: Xi, Xn Irritant / Harmful

Risk Phrases: R36/38 Irritating to eyes and skin
R65 Harmful: may cause lung damage if swallowed.

SECTION 12. OTHER INFORMATION

Contact Point: Manager: (03) 9706 4177

Poisons Information Centre (24 hours): 13 11 26

Police / Fire Brigade: 000 (exchange 1100)

DISCLAIMER

This Material Safety Data Sheet (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 should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace where other products may be present. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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