

Material Safety Data Sheet

De-Solv-It Solution

1. Identification of the Material and Supplier

Product Name: **De-Solv-It Solution**

Other Name: NONE

Use: Sticky spot and stain remover.

Supplier/ Contact details: RCR International P/L (ABN 21089270360)
Level 2, 3 Joseph Avenue
MOORABBIN AIRPORT VIC 3194
Tel: 03 9558 2020
Fax: 03 9558 3030

Emergency contact: **Manager:** (03) 9558 2020
Poisons Information Centre (24 hours): 13 11 26
Police / Fire Brigade: 000 (exchange 1100)

2. Hazard Identification

HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS;

According to Safe Work Australia (formerly NOHSC)

RISK PHRASES R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.
R65 Harmful: May cause lung damage if swallowed.

SAFETY PHRASES S2 Keep out of reach of children.
S23 Do not breathe gas/fumes/vapour/spray (where applicable).
S24 Avoid contact with skin.
S36/36 Wear Suitable protective clothing and gloves
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

3. Composition/Information on Ingredients

Chemical Entity	CAS No.	Conc.
Aliphatic hydrocarbon solvent	64742-88-7	40 – 80 %
D-Limonene	5989-27-5	8 – 20 %
Surfactant	68131-39-5	1 – 10 %

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4. First-aid Measures

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.

Inhalation:

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.

5. 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.

Suitable extinguishing media:

Water spray, carbon dioxide (CO₂), foam, dry powder.

Specific hazards:

On burning, may emit noxious gases including carbon monoxide and carbon dioxide.

Exposure hazards:

Contaminated water from fire hoses or sprinklers must be prevented from draining into watercourses, sewers or the ground water. Sufficient measures must be taken to retain the water used for extinguishing. Contaminated water and soil must be disposed of according to local regulations.

Special protective equipment:

Chemical protection suit, suitable gloves, boots and self contained breathing apparatus.

HazChem Code:

None Allocated.

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6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions:

Prevent entry into sewage systems, ground and surface waters.

Methods for cleaning-up or taking-up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scoop into marked containers for disposal as chemical waste and dispose of in accordance with local regulations.

7. Handling and Storage

Handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Do not eat, drink or smoke at the workplace.

Storage requirements:

Keep container tightly closed in a dry, cool and well-ventilated place, away from open flames and other ignition sources. Protect containers from physical damage. Avoid contact with strong oxidising agents.

8. Exposure Controls and Personal Protection

Exposure limit values

None assigned by Safe Work Australia

Biological Limit Values:

NAP

Engineering Controls:

Ensure adequate ventilation, especially in confined areas.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Ensure respirator is clean and in good working order and complies with AS 1715 and AS 1716.

Hand protection:

Wear suitable, solvent-resistant gloves. It is recommended that nitrile rubber gloves be worn by sensitive individuals.

Eye protection:

Safety glasses with side-shields.

Other:

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

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9. Physical and Chemical Properties

Form:	liquid
Appearance:	Clear, colorless to pale yellow
Odour:	Strong Citrus Odour
Boiling point:	> 100°C
Melting point:	< 0°C
Specific Gravity:	0.8 (approx)
Solubility in water:	Miscible
Vapour pressure:	< 0.1 kPa @ 20 °C
Vapour density (Air):	>1
Volatility:	>90 %
Flash point:	>62°C (PMCC)
Lower explosion limit:	0.6 % (solvent)
Upper explosion limit:	7.0 % (solvent)
Auto-Ignition Temp	>200
pH	NAV

10. Stability and Reactivity

Conditions to avoid:

Avoid heat and ignition sources

Materials to avoid:

Strong acids, strong bases, strong oxidizing agents.

Hazardous decomposition products:

No decomposition expected under normal storage conditions. On burning, will emit noxious gases including carbon monoxide and carbon dioxide

11. Toxicological Information

Acute Oral: 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.

Acute Skin irritation/corrosion: Irritant when exposure is prolonged. Frequent or prolonged exposure will defat the skin leading to discomfort and possible dermatitis in some sensitive individuals.

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

Inhalation: Not tested 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.

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Skin Sensitization: Classified (Conventional method) as Skin Sensitizer. Repeated or prolonged exposure could result in skin effects, such as dermatitis, in some sensitive individuals.

12. Ecological Information

Toxicity to Aquatic Organisms:

Not tested. Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

Biodegradation:

Not tested

Bioaccumulation:

No data available

13. Disposal Considerations

Waste disposal of substance:

Observe all local regulations.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14. Transport Information

NOT CLASSIFIED AS A DANGEROUS GOODS FOR TRANSPORT

UN No: None Allocated

HAZCHEM: None Allocated (ADG7)

Labels Required: COMBUSTIBLE LIQUID (C1), regulated under AS1940

15. Regulatory Information

NICNAS/AICS: All components in this product are listed in the Australian Inventory of Chemical Substances (AICS)

POISONS SCHEDULE: Classified as a Schedule 5 (S5) Poison according to the Standard for the Uniform Scheduling of Drugs (SUSDP)

16. Other Information

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.

The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.