

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: Harkness & Young Limited
21 Saleyards Road
Otahuhu
Auckland 1062
Tel: 09 2764071
Fax: 09 2761798

Emergency contact: **Manager:** (09) 2764071
Poisons Information Centre (24 hours): 0800764766
Police / Fire Brigade: 111

2. Hazard Identification

HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS;

RISK PHRASES H320 Irritating to eyes and skin
H316 May cause sensitization by skin contact
H302 Harmful: May cause lung damage if swallowed

SAFETY PHRASES P102 Keep out of reach of children
P210 Keep away from flames and hot surfaces
P261 Do not breathe gas/fumes/vapour/spray (where applicable)
P280 Wear Suitable protective clothing and gloves
P301 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.

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 attention

First Aid Facilities:

Sterile eyewash container/facilities

Advice to Doctor:

Treat symptomatically

5. Fire-fighting Measures

Flammability:

Combustable 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.

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Exposure hazards:

Contaminated water from fire hoses and 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

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 oxidizing agents.

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8. Exposure Controls and Personal Protection

Exposure Limit Values
None assigned by ERMANZ

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 / NZS 1715 and AS / NZS 1716

Hand Protection:
Wear suitable solvent-resistant gloves. It is recommended that nitrile 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.

9. Physical and Chemical Properties

Form:	liquid
Appearance:	Clear, colourless 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%
Flashpoint:	> 62°C (PMCC)
Lower explosion limit:	0.6% (solvent)
Upper explosion limit:	7.0% (solvent)
Auto-Ignition Temp	> 200
pH	NAV

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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 de-fat 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.

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.

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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.

14. Transport Information

NOT CLASSIFIED AS A DANGEROUS GOODS FOR TRANSPORT

UN No: None allocated

HAZCHEM: None Allocated

15. Regulatory Information

Classified as Cleaning Product (Combustable)

HSNO CLASSIFICATIONS :	3.1D	Flammable liquid
	6.1E	Acute toxicant
	6.3A	Skin Irritant
	9.1A	Aquatic toxicant
	9.2D	Soil ecotoxicant

16. Other Information

This Safety Data Sheet (SDS) 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 SDS 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 does 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 propriety rights and existing laws and legislation are observed.