

Section 1 – Identification of the Material and Supplier

Chemical Nature: Mixture of solvents and surfactants

Product Name: De-Solv-it Solution

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Sticky spot and stain remover in industrial and domestic use

Creation Date: AUG 2025

This version issued: AUG 2025 and is valid for 5 years from this date

Phone Number: +64 9 276 4071

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Not classified as Dangerous Goods for transport according to international transport regulations like IMDG (sea), IATA (air), and ADR/RID (land),



Classification of the substance or mixture (GHS)

Signal word: DANGER

Flammable liquids Category 4 (H227)

Aspiration Hazard Category 1 (H304)

Skin irritation Category 2 (H315)

Skin Sensitization Category 1 (H317)

Serious eye damage/eye irritation Category 2B (H320)

Chronic Hazard to the Aquatic Environment, Category 2

HAZARD STATEMENT:

H227: Combustible liquid.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H320: Causes eye irritation.

H411: Toxic to aquatic life with long lasting effects

PRECAUTION

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children.

P103: Read carefully and follow all instructions

PREVENTION

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing mist or spray.

P264: Wash contacted areas thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P280: Wear protective gloves, protective clothing and eye or face protection.

P391: Collect spillage.

SAFETY DATA SHEET

Safety Data Sheet

International GHS Standard

Product Name: De-Solv-it Solution

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RESPONSE

P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

P331: Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P302+P362+P364: IF ON SKIN: Take off contaminated clothing and wash it before reuse.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313: If skin irritation or rash occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog to extinguish.

STORAGE

P403: Store in a well-ventilated place.

P405: Store locked up.

DISPOSAL

P501: Dispose of contents in accordance with local/regional/national/international regulation (see Section 13 of this SDS).

OTHER HAZARDS

Unknown

Section 3 - Composition/Information on Ingredients

Physical Description & Colour: Clear, colourless to pale yellow liquid.

Odour: Strong citrus odour.

Major Health Hazards: irritating to eyes and skin, possible skin sensitiser, if aspirated, may cause lung damage.

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Ingredients	CAS No	Conc, %
d-limonene	5989-27-5	5-20
 Flammable Liquids 3, H226.	 Skin Sensitization 1, H317	
 Chronic Aquatic 2, H411		
Liquid hydrocarbon	64742-48-9	40-80
Flammable Liquids 4, H227.	 Skin Irritation 2, H315	
 Aspiration Hazard 1, H304		
Ethoxylated alcohols	68439-50-9	1-10
Acute Toxicity – Oral 5, H303	 Serious Eye Irritation 2B, H320	
 Chronic Aquatic 2, H411		

This is a commercial product whose exact ratio of components may vary slightly.

SAFETY DATA SHEET

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Phone: 03 9706 4177 (office hours)

Poisons Information Centre: 13 1126 from anywhere in Australia

Section 4 - First Aid Measures

General Information:

In case of poisoning, contact your local poison control center or seek immediate medical attention. Have this SDS with you when you call.

Inhalation: Move victim to fresh air. Keep at rest in a comfortable position for breathing. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation or rash develops, seek medical attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Seek medical attention if irritation persists.

Ingestion: Do NOT induce vomiting. Rinse mouth thoroughly. Immediately call a poison center or physician. Aspiration hazard: can cause severe lung damage.

Section 5 - Fire Fighting Measures

Extinguishing Media: In case of fire, use carbon dioxide, dry chemical powder, foam, water fog.

Unsuitable Extinguishing Media: Do not use direct water jet.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Specific Hazards: Combustion may produce toxic fumes including carbon oxides and hydrocarbons.

Protective Equipment for Firefighters: Use full protective clothing and self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Personal Precautions:

Avoid contact with skin, eyes, and inhalation of vapours. Use suitable personal protective equipment.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, groundwater, or surface waters.

Methods for Containment and Cleanup:

Absorb spill with inert material (e.g., sand, vermiculite). Collect into properly labeled containers for disposal. Clean area thoroughly.

Section 7 - Handling and Storage

Handling:

Avoid contact with skin and eyes. Use in well-ventilated areas. Keep away from ignition sources. No smoking.

Storage:

Keep container tightly closed. Store in a cool, dry, and well-ventilated place away from incompatible materials and ignition sources. Store below 30°C.

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Standards:

No specific limits for the mixture; adhere to local solvent exposure limits and good industrial hygiene practice.

Engineering Controls:

Ensure adequate ventilation of the working area.

Personal Protective Equipment:

- Eye Protection: Safety glasses or chemical goggles.
- Skin Protection: Chemical-resistant gloves and protective clothing.

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- Respiratory Protection: If exposure limits may be exceeded, use approved respirator.
- Hygiene: Wash hands before breaks and after work.

Protective Material Types: We suggest that protective clothing be made from the following materials: rubber, nitrile, butyl rubber, neoprene.

Section 9 - Physical and Chemical Properties:

Physical Description & colour:	Clear, colourless to pale yellow liquid.
Odour:	Citrus like.
Boiling Point:	Not available
Flash Point:	65°C
Freezing/Melting Point:	Not available
Volatiles:	Not available
Vapour Pressure:	<0.1kPa at 20°C
Vapour Density:	Not available
Specific Gravity:	0.8 – 0.9 approx
Water Solubility:	Emulsifiable.
pH:	Not applicable.
Volatility:	Not available
Odour Threshold:	Not available
Evaporation Rate:	Not available
Coeff Oil/water Distribution:	Not available
Autoignition temp:	Not available

Section 10 - Stability and Reactivity

Reactivity: Stable under normal conditions.

Chemical Stability: Stable when stored properly.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Heat, sparks, open flames, other ignition sources.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides and hydrocarbons when burned.

Section 11 - Toxicological Information

Acute Toxicity:

LD50/LC50 Values Relevant for Classification:		
CAS: 64742-48-9: Liquid hydrocarbon		
Oral	LD50	>5,000 mg/m3 (rat)
CAS: 5989-27-5 D-Limonene		
Oral	LD50	>2,000mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
CAS: 68439-50-9 Ethoxylated alcohols		
Oral	LD50	>2,000mg/kg (rat)
Dermal	LD50	>3,000mg/kg (rabbit)

Routes of Exposure: Inhalation, skin and eye contact, ingestion.

Symptoms: Skin irritation and sensitization possible. Aspiration may cause lung damage and chemical pneumonia.

Chronic Effects: May cause allergic skin reaction.

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Section 12 - Ecological Information

CAS: 64742-48-9: Liquid hydrocarbon	
No specific aquatic data; expected to be harmful.	
CAS: 5989-27-5 D-Limonene	
EC50/48h	0.307mg/l (Daphnia magna)
EC50/72h	0.214mg/l (Algae or other aquatic plants)
CAS: 68439-50-9 Ethoxylated alcohols	
EC50/48h	0.7mg/l (Daphnia Magna)
EC50/72h	0.87mg/l (Green algae)

Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: Not readily available.

Mobility in Soil: Not available.

Other adverse effects: Not available.

Section 13 - Disposal Considerations

Disposal: Dispose of in compliance with all local, regional, national, and international regulations. Do not release into the environment.

Section 14 - Transport Information

Mode	Classification	UN Number / Packing Group	Proper Shipping Name
Road/Rail (ADR)	Not classified as Dangerous Goods	N/A	N/A
Sea (IMDG)	May be classified depending on flash point and quantity; check specific regional regulations	Possibly UN1268 (Petroleum distillates) packing group III	Petroleum distillates, n.o.s. (Liquid hydrocarbon)
Air (IATA)	May be classified depending on flash point and quantity; check specific regional regulations	Possibly UN1268 or similar	Petroleum distillates, n.o.s.

Section 15 - Regulatory Information

Globally Harmonized System (GHS) classification and labelling applied.

Complies with EU REACH regulations (if EU export), OSHA Hazard Communication Standard (if US), and NZ Hazardous Substances regulations.

Not classified as dangerous goods for transport in NZ but may be regulated in other jurisdictions; confirm before export.

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Section 16 - Other Information

SDS prepared in accordance with GHS Rev. 9 and international best practice.

Acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS number	Chemical Abstracts Service Registry Number
EC50	Median effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LD50	Median lethal dose

Disclaimer: The information provided is based on current knowledge and is intended to describe the product for health, safety, and environmental requirements only. It should not be construed as a guarantee of any specific property. This 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 must review this SDS 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.

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