

SAFETY DATA SHEET

De-Solv-it Heavy Duty Hand Scrub

Version No: 1

Issue date: 26.07.2021

Safety Data Sheet according to WHS and ADG requirements

Non- Hazardous Chemical, Non-Dangerous Goods

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	De-Solv-it Heavy Duty Hand Scrub
Synonyms	-
Proper shipping name	De-Solv-it Heavy Duty Hand Scrub
Other means of identification	Not Available

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Industrial strength hand cleaner
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Details of the supplier of the safety data sheet

Registered company name	Vardon Industries Pty Ltd
Address	4 Kitchen Road, Dandenong South, Victoria 3175, Australia.
Telephone	+61 (3) 9706 4177
Email	sales@vardonindustries.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 11 26
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	None
GHS Classification [1]	Not classified
Hazard statement	Not classified

Precautionary statement(s) Prevention

P102	Keep out of reach of children
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice / attention.

Precautionary statement(s) Response

P312	Call a POISON CENTRE or doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice / attention.

Precautionary statement(s) Disposal

P501	Dispose of contents / container to hazardous or special waste collection point
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient list:

Water, Methyl Cocoate, PPG-6 C12-15 Pareth-12, Perlite, Sodium Laureth Sulfate, Citrus Aurantium Dulcis (Orange) Peel Extract*, Acrylates/C10-30 Alkyl Acrylate Crosspolymer Magnesium Nitrate, Methylchloroisothiazolinone, Magnesium Chloride, Methylisothiazolinone, CI 17200, CI 19140.

*d-limonene

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
5989-27-5	≤ 1	Limonene (from Citrus Aurantium Dulcis Peel Extract)
	balance	Ingredients determined not to be hazardous

SECTION 4 FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Eye Contact	If this product comes in contact with the eyes: Wash out immediately with fresh running water for 10 to 15 minutes with eyelids held open. In all cases of eye contamination, it is sensible precaution to seek medical advice / attention.
Skin Contact	In the event of irritation or rash discontinue use of the product. If irritation persists, seek medical advice / attention.
Inhalation	If respiratory irritation occurs remove patient from area where the product is being used. If patient feels unwell seek medical advice / assistance.
Ingestion	If swallowed do not induce vomiting. Immediately rinse mouth and drink 200-300mL of water. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. If in doubt, contact a Poisons Information Centre or seek medical advice.

Notes to physician: Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Hazchem Code: Not applicable.

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.

Extinguishing media

Extinguishing Media	Water spray Dry Powder Foam
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Special hazards arising from the substrate or mixture

Specific Hazards	Non-combustible material
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Advice for firefighters

Fire Fighting	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water course. Use fire fighting procedures suitable for surrounding area.
Fire/Explosion Hazard	The material is not readily combustible under normal conditions. However, it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Heat may cause expansion or decomposition with violent rupture of containers. On combustion, may emit harmful fumes, carbon dioxide (CO ₂).

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	Clean up all spills immediately with absorbent material. Avoid contact with eyes.
Major Spills	Slippery when spilt. Avoid accidents, clean up immediately with absorbent material. After clean up, wash area thoroughly with water.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe Handling	Avoid eye contact and repeated or prolonged skin contact.
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Conditions for safe storage

Safe Storage	<p>Store in original containers.</p> <p>Keep containers securely sealed and standing upright.</p> <p>Store in a cool, dry, well-ventilated area and out of direct sunlight.</p> <p>Store away from incompatible materials and foodstuff containers.</p>
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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limit	<p>d-Limonene [5989-27-5] Maximum workplace concentration 5ml/m3, 28mg/m3.</p> <p>Occupational Exposure Band Limit ≤ 0.1ppm</p> <p>NOTE: Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.</p>
Biological Limit Values	As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.
Engineering Measures	Natural ventilation should be adequate under normal use conditions.
Hygiene Measures	Keep away from food, drink and animal feeding stuffs. Wash hands prior to eating, drinking or smoking. Avoid eye contact and repeated or prolonged skin contact. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Pale orange liquid		
Physical state	Viscous liquid with fine scrub particles	Relative density (Water = 1)	0.84
Odour	Slight citrus aroma	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	5.0 – 7.0	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	≥ 100	Molecular weight (g/mol)	Not Available
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Miscible with water	pH as a solution (1%)	Not Applicable
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	<p>Unstable in the presence of incompatible materials.</p> <p>Product is considered stable when stored and used as directed.</p>
Hazardous reactions	No known hazardous reactions.
Conditions to avoid	Elevated temperatures.
Incompatible materials	Oxidising agents
Hazardous decomposition products	No hazardous decomposition products if stored and handled as indicated

SECTION 11 TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation	This material has been classified as non-hazardous. However, material may be an irritant to mucous membranes and respiratory tract.
Ingestion	This material has been classified as non-hazardous. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Skin Contact	This material has been classified as non-hazardous. Prolonged contact with skin may result in irritation.
Eye	May be an eye irritant.

Acute Toxicity

Inhalation	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist or LC50 > 20,000 ppm for gas
Ingestion	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw
Skin Contact	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw
Eye	May be an eye irritant. May cause serious eye damage/irritation rabbit: Irritant. (OECD Guideline 405)

Chronic Toxicity

Mutagenicity	This material has been classified as non-hazardous.
Carcinogenicity	This material has been classified as non-hazardous.
Reproductive toxicity	This material has been classified as non-hazardous.
Developmental toxicity	This material has been classified as non-hazardous.

SECTION 12 ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
Long-term aquatic hazard	This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.
Ecotoxicity	No information available.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Mobility	No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / packaging disposal	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations.
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SECTION 14 TRANSPORT INFORMATION

Road and Rail Transport	Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".
Marine Transport	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA Code) Dangerous Goods Regulations for transport by air.

SECTION 15 REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous Waste)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

SECTION 16 OTHER INFORMATION

Contact Point: Poisons Information Centre Tel 13 11 26

DISCLAIMER:

All information appearing herein is based upon data obtained from raw material manufacturers and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the control of Vardon Industries Pty Ltd and therefore the users are responsible to verify this data under their own particular conditions of use, applications and regulations to determine whether the product is suitable for their particular purpose and they assume all risks of their use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

End of SDS