

SAFETY DATA SHEET

SOLVOL LIQUID

Infosafe No.: LTRPX
ISSUED Date : 12/01/2021
ISSUED by: WD-40 COMPANY AUSTRALIA
PTY LTD

1. Identification

GHS Product Identifier

SOLVOL LIQUID

Company name

WD-40 COMPANY AUSTRALIA PTY LTD

Address

Level 2, Suite 23, 41 Rawson Street Epping
NSW 2121 AUSTRALIA

Telephone/Fax Number

Tel: +61 2 9868 2200

Emergency phone number

1800 862 115 Poisons Information Centre: Australia: 13 11 26 New Zealand: 0800 764 766

Recommended use of the chemical and restrictions on use

Product Use: Liquid hand soap

Restriction on Use: None Identified

Other Names

Name	Product Code
SOLVOL LIQUID	71025
SOLVOL LIQUID	71050
SOLVOL LIQUID	71041
SOLVOL LIQUID	71026
SOLVOL LIQUID	
SOLVOL LIQUID	71025
SOLVOL LIQUID	71050
SOLVOL LIQUID	71041
SOLVOL LIQUID	71026

Additional Information

Chemical Name: Mixture

Poisons Information Centre:

Australia: 13 11 26

New Zealand: 0800 764 766

New Zealand Contact Details:

Name: Eproducts New Zealand Limited

Address: 7D Orbit Drive

Albany New Zealand

Telephone:

Information: 09 916 6750

Emergency only: 0800 425 459

2. Hazard Identification

GHS classification of the substance/mixture

Eye Damage/Irritation: Category 1

Sensitization - Skin: Category 1

Hazardous to the Aquatic Environment - Acute Hazard: Category 3

Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3

Signal Word (s)

DANGER

Hazard Statement (s)

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Pictogram (s)

Corrosion, Exclamation mark



Precautionary statement – Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

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

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

P362+P364 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.

P310 Immediately call a POISON CENTER or doctor/physician.

Precautionary statement – Disposal

P501 Dispose of contents and container in accordance with local and national regulations.

Other Information

Classification of the Hazardous Chemical (in accordance with WHS Regulation)

Health:

Eye Damage Category 1

Skin Sensitizer Category 1

Environmental:

Aquatic Acute Toxicity Category 3

Aquatic Chronic Toxicity Category 3

Physical:

Not Hazardous

Label Elements:

Contains: Alcohols, C12-14, ethoxylated, sulfates, sodium salts, Cocamidopropyl betaine

Other Hazards that do not Result in Classification: None

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
NON-HAZARDOUS INGREDIENTS	Mixture	>60 %weight
Perlite	93763-70-3	<10 %weight
Glycerin	56-81-5	<10 %weight
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	<5 %weight
Cocamidopropyl betaine	61789-40-0	<2 %weight
D-Limonene	5989-27-5	<0.5 %weight

Other Information

Ingredient: Non-Hazardous Ingredients
 Substance Classification: Not Hazardous

Ingredient: Perlite
 Substance Classification:
 Eye Irrit. Cat 2A (H319)
 STOT SE Cat 3 (H335)

Ingredient: Glycerin
 Substance Classification: Not Hazardous

Ingredient: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
 Substance Classification:
 Eye Dam. Cat 1 (H318)
 Skin Irrit. Cat 2 (H315)
 Aq. Acute Cat 2 (H401)
 Aq. Chronic Cat 3 (H412)

Ingredient: Cocamidopropyl betaine
 Substance Classification:
 Eye Dam. Cat 1 (H318)
 Skin Irrit. Cat 2 (H315)
 Skin Sens. Cat 1 (H317)
 Aq. Acute Cat 2 (H401)
 Aq. Chronic Cat 3 (H412)

Ingredient: D-limonene
 Substance Classification:
 Flam. Liq. Cat 3 (H226)
 Skin Irrit. Cat 2 (H315)
 Skin Sens. Cat 1B (H317)
 Asp. Tox. Cat 1 (H304)
 Aq. Acute Cat 1 (H400)
 Aq. Chronic Cat 1 (H410)

See Section 16 for full text of GHS Classification and H phrases

4. First-aid measures

Inhalation

If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.

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Ingestion

Rinse out mouth and give sips of water. Do not induce vomiting unless directed to do so by medical personnel. Call a Poisons Information Center (phone 13 11 26 from anywhere in Australia or 0800 764 766 in New Zealand).

Skin

Wash with water for several minutes. Get medical attention if irritation or rash occurs.

Eye contact

Immediately flush thoroughly with water. Remove contact lenses, if present, after the first 5 minutes and continue flushing for 15-20 additional minutes. Get immediate medical attention.

Indication of immediate medical attention and special treatment needed if necessary

Immediate medical attention is required for eye contact.

Most important symptoms/effects, acute and delayed

Causes serious eye irritation or burns with possible eye damage. Prolonged skin contact may cause drying of the skin. Skin contact may cause an allergic skin reaction. Accidental ingestion may cause gastrointestinal effects with irritation, nausea, vomiting, and dizziness.

5. Fire-fighting measures

Suitable Extinguishing Media

This product is not flammable or combustible. Use any media that is appropriate for the surrounding fire.

Special Protective Equipment for fire fighters

Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing in areas where chemicals are used and stored. Cool fire-exposed containers with water.

Specific Hazards Arising From The Chemical

This product is not classified as flammable or combustible but will burn under fire conditions after the water has evaporated. Thermal decomposition may release oxides of carbon.

Decomposition Temperature

Not determined

6. Accidental release measures

Emergency Procedures

Wear appropriate protective clothing (see Section 8). Avoid contact with the spilled material.

Methods And Materials For Containment And Cleaning Up

Contain and collect liquid with an inert absorbent material and place in a container for disposal. Clean spill area thoroughly.

Environmental Precautions

Avoid releases to the environment. Report spills to authorities as required.

7. Handling and storage

Precautions for Safe Handling

Prevent contact with eyes. Avoid contact with skin and clothing. Avoid breathing vapors or mists. Use with adequate ventilation. Keep container closed when not in use. Immediately remove any contaminated clothing and launder before reuse. Wash thoroughly after use. Keep out of the reach of children. Do not use with any other cleaning agents or household chemicals. Dangerous reactions may occur.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry ventilated area away from incompatible materials. Protect from physical damage.

8. Exposure controls/personal protection

Occupational exposure limit values

Chemical: Non-Hazardous Ingredients

Occupational Exposure Limits: None Established

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Chemical: Perlite
Occupational Exposure Limits:
10 mg/m³ TWA AU OEL (as dust)
10 mg/m³ TWA NZ WES

Chemical: Glycerin (as mist)
Occupational Exposure Limits:
10 mg/m³ TWA AU OEL
10 mg/m³ TWA NZ OEL/WES

Chemical: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Occupational Exposure Limits: None Established

Chemical: Cocamidopropyl betaine
Occupational Exposure Limits: None Established

Chemical: D-limonene
Occupational Exposure Limits:
5 ppm TWA, 20 ppm STEL DFG MAK

Biological Limit Values

Chemical: Non-Hazardous Ingredients
Biological Limit Value: None Established

Chemical: Perlite
Biological Limit Value: None Established

Chemical: Glycerin (as mist)
Biological Limit Value: None Established

Chemical: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Biological Limit Value: None Established

Chemical: Cocamidopropyl betaine
Biological Limit Value: None Established

Chemical: D-limonene
Biological Limit Value: None Established

Appropriate engineering controls

The Following Controls are Recommended for Normal Consumer Use of this Product:
Use in a well-ventilated area.

For Bulk Processing or Workplace Use the Following Controls are Recommended:
Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

Respiratory Protection

The Following Controls are Recommended for Normal Consumer Use of this Product:
None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are Recommended:
None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear an approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Eye Protection

The Following Controls are Recommended for Normal Consumer Use of this Product:
Prevent eye contact. Safety glasses or goggles recommended.

For Bulk Processing or Workplace Use the Following Controls are Recommended:
Safety goggles recommended where eye contact is possible.

Personal Protective Equipment

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For Bulk Processing or Workplace Use the Following Controls are Recommended:
None required.

Body Protection

The Following Controls are Recommended for Normal Consumer Use of this Product:

Avoid prolonged or repeated skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

For Bulk Processing or Workplace Use the Following Controls are Recommended:

Wear chemical resistant gloves.

Hygiene Measures

For Bulk Processing or Workplace Use the Following Controls are Recommended:

Eye wash facilities should be available. Wash hands after handling.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Beige liquid with a citrus odor
Decomposition Temperature	Not determined	Boiling Point	Not determined
Solubility in Water	Immiscible in water	pH	Not determined
Vapour Pressure	Not determined	Vapour Density (Air=1)	Not determined
Evaporation Rate	(Butyl Acetate = 1): Not determined	Odour Threshold	Not determined
Viscosity	Not determined	Volatile Component	Not determined
Partition Coefficient: n-octanol/water	Not determined	Flash Point	Not determined
Flammability	(solid, gas): Not applicable	Auto-Ignition Temperature	Not determined
Flammable Limits - Lower	Not determined	Flammable Limits - Upper	Not determined
Particle Size	Not applicable	Saturated Vapour Concentration	Not determined
Relative density	(Water = 1): Not determined	Melting/Freezing Point	Not determined

Other Information

Specific Heat Value: Not determined

VOC: Not determined

Release of invisible flammable vapors and gases: Not determined

Aerosol Protection Level (NFPA 30B): Not applicable

10. Stability and reactivity

Reactivity

Non-reactive

Chemical Stability

Stable under normal storage conditions.

Conditions to Avoid

Avoid extreme heat, flames and other sources of ignition.

Incompatible materials

Strong oxidizers.

Hazardous Decomposition Products

Carbon monoxide and carbon dioxide.

Possibility of hazardous reactions

Will not occur.

11. Toxicological Information

Acute Toxicity - Oral

Perlite: Oral mouse LD50: 12960 mg/kg

Glycerin: Oral rat LD50: >5000 mg/kg

Alcohols, C12-14, ethoxylated, sulfates, sodium salts: Oral rat LD50: >5000 mg/kg

Cocamidopropyl betaine: Oral rat LD50: >5000 mg/kg

D-limonene: Oral rat LD50: 4400 mg/kg

Acute Toxicity - Dermal

Alcohols, C12-14, ethoxylated, sulfates, sodium salts: Skin rat LD50: >2000 mg/kg

Cocamidopropyl betaine: Skin rabbit LD50: >2000 mg/kg

D-limonene: Skin rabbit LD50: >5000 mg/kg

Ingestion

Swallowing large amounts may produce gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation

Inhalation of mists or vapors may cause mild irritation to the eyes, mucous membranes of the throat and nose and upper respiratory tract.

Skin

May produce skin irritation. Prolonged and/or repeated contact may cause defatting with possible dermatitis. Repeated contact may result in an allergic skin reaction.

Eye

Direct contact will cause severe irritation, pain, burns and possible permanent eye damage.

Skin corrosion/irritation

No data available for mixture. Based on the ingredients, this product is not classified as a skin irritant.

Serious eye damage/irritation

No data available for mixture. Based on the ingredients, this product is classified as corrosive to eyes.

Skin Sensitisation

This product is expected to cause skin sensitization.

Germ cell mutagenicity

None of the components have been found to be mutagenic.

Carcinogenicity

None of the components are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, US OSHA or the EU CLP.

Reproductive Toxicity

None of the components are known to cause adverse reproductive effects.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration Hazard

No data available. Based on the ingredients, this product is not expected to present an aspiration hazard.

Chronic Effects

None known.

Other Information

Medical Conditions Aggravated by Exposure: Preexisting eye, skin and respiratory conditions may be aggravated by exposure.

12. Ecological information

Ecotoxicity

Alcohols, C12-14, ethoxylated, sulfates, sodium salts: 28 days NOEC Rainbow trout- 0.14 mg/L, 21 days NOEC Daphnia magna- 0.27 mg/L

Cocamidopropyl betaine: 96 hr LC50 Zebra fish: 2.0 mg/L, 48 hr EC50 Daphnia magna: 6.4 mg/L, 96 hr EC50 Scenedesmus subspicatus (algae): 0.55 mg/L, 28 days NOEC Rainbow trout: 0.16 mg/L, 21 day NOEC Daphnia magna: 0.9 mg/L

D-limonene: 96hr LC50 Fathead minnow: 0.72 mg/L, 48hr EC50 Daphnia magna: 0.307 mg/L, 21 days EC50 Daphnia magna: 0.188 mg/L, 21 days EC10 Daphnia magna: 0.153 mg/L

This product has been classified as harmful to the aquatic environment with long lasting effects based on the components. Releases to the environment should be avoided.

Persistence and degradability

This product was tested for degradability following OECD 301. The results were 86% degraded in 28 days. This product is considered biodegradable. Product biodegradability testing is not applicable to aquatic toxicity classification under the GHS at this time. Therefore the GHS classification of this product is based solely on the GHS mixture approach and includes a chronic classification.

Mobility

Mobility in Soil: No data available.

Bioaccumulative Potential

No data available.

Other Adverse Effects

None Known

13. Disposal considerations

Waste Disposal

Safe Handling and Disposal Method: Dispose as appropriate for oil waste.

Container Disposal

Disposal of Contaminated Packaging: Empty containers may be disposed of through normal waste management options.

Other Information

Environmental Regulations: Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

14. Transport information

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

UN Number (Air Transport, ICAO)

NCAD

IATA/ICAO Proper Shipping Name

Not dangerous for conveyance under IATA code

IMDG UN No

NCAD

IMDG Proper Shipping Name

Not dangerous for conveyance under IMO/IMDG code

Special Precautions for User

WD-40 Company does not test containers to assure that they meet the pressure and other requirements for transport by air. We do not recommend that our products be transported by air.

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Other Information

IMDG Shipping Name: Not Regulated
IMDG Hazard Class: None
UN Number: None
Marine Pollutant: No

IATA Shipping Name: Not Regulated
IATA Hazard Class: None
UN Number: None

ADG Shipping Name: Not Regulated
ADG Hazard Class: None
UN Number: None
Hazchem (Emergency Action) Code: None

15. Regulatory information

Regulatory information

Montreal Protocol (Ozone Depleting Substances): None present
The Stockholm Convention (Persistent Organic Pollutants): None present
The Rotterdam Convention (Prior Informed Consent): Not applicable
Basel Convention: Not applicable
International Convention for the Prevention of Pollution from Ships (MARPOL): D-Limonene (as Dipentene) is listed.
Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): None present

New Zealand:

HSNO Approval Number: HSR002552

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.
Not classified as Dangerous Good for transport purposes.

HSNO Hazard Classes: 8.3A, 6.5B, 9.1D, 9.1C

New Zealand Inventory: All the ingredients comply with the HSNO regulations.

New Zealand:

HSNO Approval Number: HSR002552

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.
Not classified as Dangerous Good for transport purposes. HSNO Hazard Classes: 8.3A, 6.5B, 9.1D, 9.1C

New Zealand Inventory: All the ingredients comply with the HSNO regulations.

Poisons Schedule

Not Scheduled

Australia (AICS)

All of the components of this product are listed on the AICS inventory.

16. Other Information

User Codes

User Title Label	User Codes
Wis Numbers	03398511
Wis Numbers	03398528
Wis Numbers	03726815

Signature of Preparer/Data Service

Prepared By: Industrial Health & Safety Consultants, Inc.

Other Information

Full Text of GHS Classification and H Phrases from Section 3:

Aq. Acute Cat 1 Aquatic Acute Toxicity Category 1

Aq. Acute Cat 2 Aquatic Acute Toxicity Category 2

Aq. Chronic Cat 1 Aquatic Chronic Toxicity Category 1

Aq. Chronic Cat 3 Aquatic Chronic Toxicity Category 3

Asp. Tox. Cat 1 Aspiration Toxicity Category 1

Eye Dam. Cat 1 Eye Damage Category 1

Eye Irrit. Cat 2A Eye Irritant Category 2A

Flam. Liq. Cat 3 Flammable Liquid Category 3

Skin Irrit. Cat 2 Skin Irritant Category 2

Skin Sens. Cat 1 Skin Sensitizer Category 1

STOT SE Cat 3 Specific Target Organ Toxicity Single Exposure Category 3

H226 Flammable liquid and vapor. H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation. H317 May cause an allergic skin reaction.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H401 Toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

List of Abbreviations or Acronyms:

ACGIH: American Conference of Industrial Hygienists

ADG: Australian Dangerous Goods

AICS: Australian Inventory of Chemical Substances

AU: Australia

EC: Effective Concentration

EU: European Union

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

HSNO: Hazardous Substances and New Organisms

IARC: International Agency of Research on Cancer

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

LC: Lethal Concentration

LD: Lethal Dosage

LEL: Lower Explosive Limit

NTP: National Toxicology Program

NZ: New Zealand

OEL: Occupational Exposure Limits

PEL: Permissible Exposure Limit

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit

TWA: Time-Weighted Average

UEL: Upper Explosive Limit

US OSHA: United States Occupational Safety and Health Administration

VOC: Volatile Organic Compounds

WHS: Work Health and Safety

SIGNATURE: Inez Kowalski

TITLE: Manager Regulatory Affairs

3008100/No. 0155205

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