



Safety Data Sheet

1 – Product Identifier & Identity for the Chemical

<p>Manufacturer: WD-40 Company Australia Pty Ltd</p> <p>Address: 41 Rawson Street (Level 2, Suite 23) Epping NSW, 2121, Australia</p> <p>Telephone: Information: +61 2 9868 2200 Emergency only: 1800 024 973</p> <p>Poisons Information Centre: Australia: 13 11 26 New Zealand: 0800 764 766</p> <p>New Zealand Contact Details: Name: Eproducts New Zealand Limited Address: 7D Orbit Drive Albany New Zealand Telephone: Information: 09 916 6750</p>	<p>Product Name: Solvol Bar</p> <p>Chemical Name: Mixture</p> <p>Product Use: Abrasive hand soap</p> <p>Restriction on Use: None Identified</p> <p>SDS Date Of Preparation: 18 February 2016</p>
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2 – Hazards Identification

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

Health	Environmental	Physical
Carcinogen Category 2 Skin Sensitizer Category 1	Not Hazardous	Aquatic Acute Toxicity Category 3 Aquatic Chronic Toxicity Category 3

Label Elements



Contains: D-Limonene, Cocamide Diethanolamine

Warning!

H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.

Prevention

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust.

P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves.

Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P333+P313 If skin irritation or rash occurs: Get medical attention.
 P363 Wash contaminated clothing before reuse.
 P308+P313 IF exposed or concerned: Get medical attention.

Storage

P405 Store locked up.

Disposal

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

Other Hazards that do not Result in Classification: None known.

3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	Substance Classification
Non-Hazardous Ingredients	Mixture	>60%	Not Hazardous
Glycerin	56-81-5	<2%	Not Hazardous
D-Limonene	68647-72-3	<2%	Flam. Liq. Cat 3 (H226), Asp. Tox. Cat 1 (H304), Skin Irrit. Cat 2 (H315), Skin Sens. Cat 1 (H317), Aquatic Acute Cat 1 (H400), Aquatic Chronic Cat1 (H410)
Cocamide Diethanolamine	68603-42-9	<1%	Skin Irrit. Cat 2 (H315), Eye Dam. Cat 1 (H318), Carc. Cat 2 (H351)

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

4 – First Aid Measures

Ingestion (Swallowed): If a large amount is swallowed and symptoms occur, call a Poisons Information Center (phone 0800 764 766 in New Zealand). Rinse mouth with water and give one eight-ounce glass of water to drink if the patient is conscious and responsive. Do not induce vomiting unless directed to do so by medical personnel.

Eye Contact: Do not rub eyes. Flush thoroughly with large amounts of water. Remove contact lenses if present after the first 5 minutes and continue flushing for several more minutes. Get medical attention if irritation persists.

Skin Contact: This product is intended for skin contact. Discontinue use and consult a physician if irritation or rash develops and persists.

Inhalation (Breathing): No first aid should be required.

Most Important Symptoms: Direct contact may cause eye irritation. May cause an allergic skin reaction. May cause gastrointestinal irritation if swallowed. This product contains Cocamide Diethanolamine which is suspected of causing cancer. Risk of cancer depends on the duration and level of exposure.

Indication of Immediate Medical Attention and Special Treatment, if Needed: Immediate medical attention is not normally required.

5 – Fire Fighting Measures

Suitable Extinguishing Media: Use any media that is appropriate for the surrounding fire.

Specific Hazards Arising from the Chemical: This product is not classified as flammable or combustible. Thermal decomposition will release carbon monoxide and carbon dioxide.

Special Protective Equipment and Precautions for Fire-Fighters: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing.

6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: None required.
Environmental Precautions: Avoid releases to the environment. Report spills to authorities as required.
Methods and Materials for Containment/Cleanup: Pick up for use or place in trash.

7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes.
Conditions for Safe Storage, including any incompatibilities: No special storage required.

8 – Exposure Controls /Personal Protection

Chemical	Occupational Exposure Limits	Biological Limit Value
Non-Hazardous Ingredients	None Established	None Established
Glycerin	10 mg/m ³ TWA NZ WES (as mist)	None Established
D-Limonene	5 ppm TWA, 20 ppm STEL DFG MAK	None Established
Cocamide Diethanolamine	None Established	None Established

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

Appropriate Engineering Controls: None required
Personal Protection:
Eye Protection: None required, avoid eye contact.
Skin Protection: None required this product is intended for skin contact.
Respiratory Protection: None required.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Appropriate Engineering Controls: Good general ventilation should be adequate.
Personal Protection:
Eye Protection: Safety goggles recommended if dust or mists are generated.
Skin Protection: None required for anticipated use, this product is intended for skin contact.
Respiratory Protection: None required.
Work/Hygiene Practices: Rinse thoroughly after washing or handling.
Other Protective Equipment: None required.

9 – Physical and Chemical Properties

Appearance and Odor:	Perfumed soap bar	Partition Coefficient of n-octanol/water:	Not applicable
Odor Threshold:	Not applicable	Auto-ignition temperature:	Not applicable
pH:	Not applicable	Decomposition Temperature:	Not applicable
Melting/Freezing Point:	Not determined	Viscosity:	Not applicable
Boiling Point / Range:	Not applicable	Specific Heat Value:	Not determined
Flash Point:	Not applicable	Particle Size:	Not applicable
Evaporation Rate (Butyl Acetate = 1):	Not determined	VOC:	0%
Flammability (solid, gas):	Not flammable	Percent Volatile:	Nil
Flammable Limits:	Not applicable	Saturated Vapor Concentration:	Not applicable
Vapor Pressure:	Not applicable	Release of invisible flammable vapors and	No

		gases:	
Vapor Density (air = 1):	Not applicable	Aerosol Protection Level (NFPA 30B):	Not applicable
Relative Density (Water = 1):	Not determined	Solubility:	Soluble in water

10 – Stability and Reactivity

Reactivity: Non-reactive

Chemical Stability: Stable under normal storage conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

11 – Toxicological Information

Health Hazards:

Ingestion: Not intended for ingestion, however, not expected to be toxic. May cause gastrointestinal irritation.

Eye Contact: May cause irritation with redness, stinging and tearing. Dust may cause abrasive injury to the eye.

Skin Contact: Prolonged contact may cause irritation in sensitive individuals. May cause an allergic skin reaction.

Inhalation: Inhalation of dust may cause respiratory tract irritation.

Chronic Exposure: None expected.

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

Acute Toxicity Values:

Non-Hazardous Ingredients: No toxicity data available

Glycerin: Oral rat LD50: >5000 mg/kg

D-limonene: Oral rat LD50: 4400 mg/kg; Skin rabbit LD50: >5000 mg/kg

Cocamide Diethanolamine: Oral rat LD50: 2000-5000 mg/kg

Skin Corrosion/Irritation: No data available for mixture. This product is not expected to cause skin irritation.

Serious Eye Damage/Irritation: No data available for mixture. This product is not expected to cause eye irritation.

Respiratory or Skin Sensitization: This product is expected to cause skin sensitization.

Germ Cell Mutagenicity: None of the components have been found to be mutagenic.

Carcinogenicity: IARC lists Cocamide Diethanolamine as Possibly Carcinogenic to Humans (Group 2B). None of the other components great than 0.1% 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.

Specific Target Organ Toxicity:

Single Exposure: No data available.

Repeated Exposure: No data available.

Aspiration Hazard: This product is not expected to present an aspiration hazard.

12 – Ecological Information

Ecotoxicity: Diluted product in use is not expected to present a hazard to the environment.

D-limonene: 96 hr LC50 Fathead minnow- 0.688-0.702 mg/L, 48 hr LC50 Daphnia magna- 0.577 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: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other Adverse Effects: None Known

13 - Disposal Considerations

Safe Handling and Disposal Method: None known.
Disposal of Contaminated Packaging: Empty containers may be disposed of through normal waste management options.
Environmental Regulations: Dispose of all waste product and other materials in accordance with applicable Federal, state and local regulations.

14 – Transportation Information

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

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

Special Precautions for User: WD-40 Company does not test containers to assure that they meet the requirements for transport by air. We do not recommend that our products be transported by air.

15 – Regulatory Information

HSNO Approval Number: N/A
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: 6.5B, 6.7B, 9.1D, 9.1C

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

16 – Other Information

REVISION DATE: 18 February 2016 SUPERSEDES: New SDS

Prepared By: Industrial Health & Safety Consultants, Inc.

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

Aquatic Acute Cat 1 Aquatic Acute Toxicity Category 1
Aquatic Chronic Cat1 Aquatic Chronic Toxicity Category 1
Asp. Tox. Cat 1 Aspiration Toxicity Category 1
Carc. Cat 2 Carcinogen Category 2
Eye Dam. Cat 1 Eye Damage Category 1
Flam. Liq. Cat 3 Flammable Liquid Category 3
Skin Irrit. Cat 2 Skin Irritant Category 2
Skin Sens. Cat 1 Skin Sensitizer Category 1

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.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H410 Very toxic 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: _____

TITLE: _____

This SDS complies with Australian guidelines for SDS. The foregoing information has been compiled from sources believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that data is correct. Standards change without notice. It is the responsibility of the recipient to insure that their personnel have been notified of any changes which may affect them. The data provided on this SDS are not meant to be used as specifications, only as guideline information as to the safe use of this product. User should refer to applicable laws before use.

2051100/No.