



Safety Data Sheet

1 – Product Identifier & Identity for the Chemical

Manufacturer: WD-40 Company Australia Pty Ltd Address: 41 Rawson Street (Level 2, Suite 23) Epping NSW, 2121, Australia Telephone: Information: +61 2 9868 2200 Emergency only: 1800 024 973 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	Product Name: 3-In-One® Multi-Purpose Oil Chemical Name: Mixture Product Use: Lubricant Restriction on Use: None Identified SDS Date Of Preparation: 20 February 2020
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2 – Hazards Identification

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

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

Label Elements



Contains: Fragrance

Warning!

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Prevention

P261 Avoid breathing mists or vapors.

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.

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
Distillates (petroleum), hydrotreated heavy naphthenic (contains <3% DMSO)	64742-52-5	>97%	Asp. Tox. Cat 1 (H304)
Naphtha, petroleum (contains <3% DMSO)	64742-47-8	<2	Not Hazardous
Fragrance	Mixture	<1%	Asp. Tox. Cat 1 (H304) Eye Dam. Cat 1 (H318) Skin Irrit. Cat 2 (H315) Skin Sens. Cat 1 (H317) Aquatic Acute Cat 1 (H400) Aquatic Chronic Cat 1 (H410)
Calcium Sulfonate	Proprietary	<0.5%	Skin Sens. Cat 1 (H317)

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

4 – First Aid Measures

Ingestion (Swallowed): 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).

Eye Contact: Flush thoroughly with 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: Wash with soap and water. If irritation or rash develops, get medical attention.

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

Most Important Symptoms: May cause eye irritation. Prolonged or repeated skin contact may cause mild irritation and defatting dermatitis. Skin contact may cause allergic skin reaction in sensitized individuals. Ingestion of the liquid may cause gastrointestinal effects with irritation, nausea, vomiting, and diarrhea.

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 water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread 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. Cool fire-

exposed containers with water. Contain water used in firefighting from entering sewers or natural waterways.

6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective clothing (see Section 8).
Environmental Precautions: Avoid releases to the environment. Report spills to authorities as required.
Methods and Materials for Containment/Cleanup: Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly.

7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes and skin. Avoid breathing oil mists. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children.
Conditions for Safe Storage, including any incompatibilities: Store in a cool, dry, well-ventilated area away from incompatible materials.

8 – Exposure Controls /Personal Protection

Chemical	Occupational Exposure Limits	Biological Limit Value
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m ³ TWA AU OEL (as oil mist, refined mineral) 5 mg/m ³ TWA, 10 mg/m ³ STEL NZ OEL (as oil mist, mineral) 5 mg/m ³ TWA ACGIH TLV (inhalable) (as mineral oil)	None Established
Naphtha, petroleum	200 mg/m ³ TWA manufacturer recommended (total hydrocarbon vapor)	None Established
Fragrance	None Established	None Established

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

Appropriate Engineering Controls: Use in a well-ventilated area.

Personal Protection:

Eye Protection: Avoid eye contact.

Skin Protection: Avoid prolonged skin contact. Wash hands with soap and water after use.

Respiratory Protection: None needed for normal use with adequate ventilation.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Appropriate Engineering Controls: Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

Personal Protection:

Eye Protection: Safety glasses with side shields or chemical goggles are recommended.

Skin Protection: Wear appropriate protective clothing and chemical-resistant gloves to avoid prolonged or repeated skin contact. Wash thoroughly after handling.

Respiratory Protection: 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.

Work/Hygiene Practices: Eye wash facilities should be available. Wash hands after handling.

Other Protective Equipment: None required.

9 – Physical and Chemical Properties

Appearance and Odor:	Clear amber liquid with a faint citronella odor	Partition Coefficient of n-octanol/water:	Not determined
Odor Threshold:	Not determined	Auto-ignition temperature:	Not determined
pH:	Not applicable	Decomposition Temperature:	Not determined
Melting/Freezing Point:	Not applicable	Viscosity:	112 SUS (23.31 cSt) @ 100°F (37.8°C)
Boiling Point / Range:	>550°F (>287.8°C)	Specific Heat Value:	Not determined
Flash Point:	> 305°F (>151.7°C) Tag Open Cup	Particle Size:	Not applicable
Evaporation Rate (Butyl Acetate = 1):	Not determined	VOC:	0%
Flammability (solid, gas):	Not applicable	Percent Volatile:	Nil
Flammable Limits:	Not determined	Saturated Vapor Concentration:	Not determined
Vapor Pressure:	Not determined	Release of invisible flammable vapors and gases:	No
Vapor Density (air = 1):	Not determined	Aerosol Protection Level (NFPA 30B):	Not applicable
Relative Density (Water = 1):	0.866-0.923 @ 68°F (20°C)	Solubility:	Insoluble in water

10 – Stability and Reactivity

<p>Reactivity: Non-reactive</p> <p>Chemical Stability: Stable under normal storage conditions.</p> <p>Possibility of Hazardous Reactions: Reaction with strong oxidizers will generate heat and may cause fire.</p> <p>Conditions to Avoid: Avoid extreme heat, flames and other sources of ignition.</p> <p>Incompatible Materials: Strong oxidizers, acids, bases, and strong reducing agents.</p> <p>Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.</p>

11 – Toxicological Information

<p>Health Hazards:</p> <p>Ingestion: This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.</p> <p>Eye Contact: Contact may be irritating to eyes. May cause redness and tearing.</p> <p>Skin Contact: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis. May cause an allergic skin reaction.</p> <p>Inhalation: High concentrations of oil mists may cause nasal and respiratory irritation.</p> <p>Chronic Exposure: None expected.</p> <p>Medical Conditions Aggravated by Exposure: Preexisting eye, skin and respiratory conditions may be aggravated by exposure.</p> <p>Acute Toxicity Values: Distillates (petroleum), hydrotreated heavy naphthenic: Oral rat LD50->5000 mg/kg; Inhalation rat LC50-5.7 mg/L/4hr; Skin rabbit LD50- >2000 mg/kg Naphtha, petroleum: Oral rat LD50- >2000 mg/kg, Skin rabbits LD50->2000 mg/kg</p>

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: 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.

Specific Target Organ Toxicity:

- Single Exposure:** No data available.
- Repeated Exposure:** No data available.

Aspiration Hazard: Based on the viscosity test data, this product is not expected to present an aspiration hazard.

12 – Ecological Information

Ecotoxicity: No data available for the mixture. 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: Dispose as appropriate for oil waste.

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

Environmental Regulations: Dispose of all waste product, absorbents, 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 can withstand the pressure change without leakage when transported by air. We do not recommend that our products be transported by air unless a specific review is conducted.

15 – 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): None present

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not applicable

Australian Inventory of Chemical Substances: This product contains an ingredient that is not listed on the AICS inventory. Only limited volumes can be imported. Contact WD40 for more information.

New Zealand:

HSNO Approval Number: HSR002606

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, 9.1D, 9.1C

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

16 – Other Information

REVISION DATE: 20 February 2020

SUPERSEDES: 4 March 2019

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 Cat 1 Aquatic Chronic Toxicity Category 1

Asp. Tox. Cat 1 Aspiration Toxicity Category 1

Eye Dam. Cat 1 Eye Damage Category 1

Skin Irrit. Cat 2 Skin Irritant Category 2

Skin Sens. Cat 1 Skin Sensitizer Category 1

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.

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

REVIEWED BY: I. Kowalski TITLE: Manager Regulatory Affairs

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.

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