

SAFETY DATA SHEET

WD-40 BULK LIQUID

Infosafe No.: 2ES28

ISSUED Date : 07/09/2021

ISSUED by: WD-40 COMPANY AUSTRALIA
PTY LTD

1. Identification

GHS Product Identifier

WD-40 BULK LIQUID

Company name

WD-40 COMPANY AUSTRALIA PTY LTD

AddressLevel 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

Lubricant, Penetrant, Drives Out Moisture, Removes and Protects Surfaces from Corrosion

Restriction on Use: None Identified

Other Names

Name
WD-40 BULK LIQUID

Additional Information

Chemical Name: Mixture

2. Hazard Identification

GHS classification of the substance/mixture

Aspiration Hazard: Category 1

Flammable Liquids: Category 4

Signal Word (s)

DANGER

Hazard Statement (s)

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

Precautionary statement – General

Not Applicable

Pictogram (s)

Health hazard



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Precautionary statement – Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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

Precautionary statement – Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use water fog, dry chemical, carbon dioxide or foam for extinction.

Precautionary statement – Storage

P405 Store locked up.

P403 Store in a well-ventilated place.

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 / Environmental / Physical

Aspiration Toxicity Category 1 Not Classified Flammable Liquid Category 4

Label Elements

Contains: Distillates (Petroleum), hydrotreated light

Other Hazards that do not Result in Classification: None

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Petroleum Base Oils	Mixture	10-<30 Wt%
Distillates (petroleum), hydrotreated light	64742-47-8	30-60 Wt%

Other Information

Ingredient: Distillates (Petroleum), hydrotreated light

Substance Classification:

Flam. Liq. Cat 4 (H227)

Asp. Tox. Cat 1 (H304)

Ingredient: Petroleum Base Oils

Substance Classification:

Not Hazardous

Ingredient: Naptha(petroleum), hydrotreated heavy

CAS #: 64742-48-9

Weight Percent: 5-15%

Substance Classification:

Flam. Liq. Cat 3 (H226)

Asp. Tox. Cat 1 (H304)

STOT SE Cat 3 (H336)

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

Aspiration Hazard. DO NOT induce vomiting. Call a Poisons Information Center (phone 13 11 26 from anywhere in Australia or 0800 764 766 in New Zealand) immediately.

Skin

Wash with soap and water. If irritation develops and persists, get medical attention.

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.

Indication of immediate medical attention and special treatment needed if necessary

Immediate medical attention is required for ingestion.

Most important symptoms/effects, acute and delayed

Prolonged skin contact may cause drying of the skin. Inhalation may cause headache, dizziness, nausea, and other symptoms of central nervous system depression. Accidental ingestion may cause gastrointestinal effects with irritation, nausea, vomiting, dizziness, coma, and death. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

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.

Special Protective Equipment for fire fighters

Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fireexposed containers with water.

Specific Hazards Arising From The Chemical

Combustible liquid. Keep away from ignition source and open fire. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. A vapor and air mixture can create an explosion hazard in confined spaces.

Hazchem Code

None

Decomposition Temperature

Not determined

6. Accidental release measures

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.

Personal Precautions

Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area.

Environmental Precautions

Report spills to authorities as required.

7. Handling and storage

Precautions for Safe Handling

Avoid contact with eyes. Avoid prolonged contact with skin.

Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, hot surfaces, and open flames. 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 ventilated area away from incompatible materials. Protect from physical damage.

8. Exposure controls/personal protection

Occupational exposure limit values

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Chemical: Distillates (Petroleum), hydrotreated light
Occupational Exposure Limits:
1200 mg/m³ TWA Supplier
Recommended (total hydrocarbons)

Chemical: Petroleum Base Oils
Occupational Exposure Limits:
5 mg/m³ TWA AU OEL (as oil mist, refined mineral)
5 mg/m³ TWA, 10 mg/m³ STEL NZ OEL (as oil mist, mineral)
5 mg/m³ TWA ACGIH TLV (inhalable) (as mineral oil)

Chemical: Naptha(petroleum), hydrotreated heavy
Occupational Exposure Limits:
5 mg/m³ TWA AU OEL (as oil mist, mineral)
5 mg/m³ TWA, 10 mg/m³ STEL NZ OEL (as oil mist, mineral)
5 mg/m³ TWA ACGIH TLV (inhalable) (as mineral oil)

Biological Limit Values

Chemical: Distillates (Petroleum), hydrotreated light
Biological Limit Value: None Established

Chemical: Petroleum Base Oils
Biological Limit Value: None Established

Chemical: Naptha(petroleum), hydrotreated heavy
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
Avoid 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

For Bulk Processing or Workplace Use the Following Controls are Recommended
Other Protective Equipment: 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
Wash hands after handling.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Light amber liquid with a pleasant scent
Decomposition Temperature	Not determined	Boiling Point	150°C - 205°C 302°F - 401°F Naptha(petroleum), hydrotreated heavy
Solubility in Water	Immiscible in water	pH	Not determined
Vapour Pressure	Not determined	Vapour Density (Air=1)	>1
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	69°C (ASTM D93) 156.2°F (ASTM D93)
Flammability	(solid, gas): Not applicable	Auto-Ignition Temperature	Not determined
Flammable Limits - Lower	0.6%	Flammable Limits - Upper	7.0%
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 and strong acids.

Hazardous Decomposition Products

Oxides of carbon and unburned hydrocarbons.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

11. Toxicological Information

Toxicology Information

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

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Acute Toxicity Values:

Distillates (Petroleum), hydrotreated light: Oral rat LD50- >5000 mg/kg, Inhalation rat LC50->5 mg/L/4 hr, Skin rabbit LD50- >5000 mg/kg

Petroleum Base Oils: Acute Toxicity Estimates: Oral > 5,000 mg/kg, Dermal >2,000 mg/kg

Naptha(petroleum), hydrotreated heavy: Oral rat LD50- >5000 mg/kg, Skin rabbit LD50- >5000 mg/kg.

Ingestion

Swallowing large amounts may produce gastrointestinal irritation, nausea, vomiting and diarrhea. This product is an aspiration hazard. If swallowed, can enter the lungs, and may cause chemical pneumonitis, severe lung damage and death.

Inhalation

Mist or vapor can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness, and nausea. Intentional abuse may be harmful or fatal.

Skin

Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

Eye

Direct contact with eyes may cause irritation. May cause redness, stinging, swelling, and tearing.

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 not classified as an eye irritant.

Respiratory sensitisation

This product is not expected to cause sensitization.

Skin Sensitisation

This product is not expected to cause 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 expected to present an aspiration hazard and may be harmful if the contents are swallowed.

Chronic Effects

None known.

12. Ecological information

Ecotoxicity

If applied to leaves may kill grasses and small plants by interfering with respiration and transpiration. This product is not toxic to fish but may coat gill structures resulting in suffocation.

Persistence and degradability

No data available.

Mobility

Mobility in Soil: No data available.

Bioaccumulative Potential

No data available.

Other Adverse Effects

None Known

13. Disposal considerations

Waste Disposal

Dispose as appropriate for oil waste.

Container Disposal

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

Hazchem Code

None

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 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.

Other 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

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): Not applicable

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Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Hydrocarbons, liquids are listed in Schedule 5.

New Zealand:

HSNO Approval Number: HSR002602

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: 3.1D, 6.1E

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

Poisons Schedule

S5

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	01035954
Wis Numbers	01374012
Wis Numbers	03654566
Wis Numbers	04067658
Wis Numbers	04405805

Signature of Preparer/Data Service

Prepared By: IHSC, LLC

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Other Information

This SDS applies to unit codes: 62107, 62108, 62109, 62110

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

Asp. Tox. Cat 1 Aspiration Toxicity Category 1

Flam. Liq. Cat 3 Flammable Liquid Category 3

Flam. Liq. Cat 4 Flammable Liquid Category 4

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

H226 Flammable liquid and vapor.

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

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

US: OSHA United States Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

SDS: Safety Data Sheet

STE:L Short Term Exposure Limit

TWA: Time-Weighted Average

UEL: Upper Explosive Limit

VOC: Volatile Organic Compounds

WHS: Work Health and Safety

REVIEWED BY: I. Kowalski

TITLE: Manager Regulatory Affairs

2032400/ No. 0168505

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END OF SDS

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