

SAFETY DATA SHEET

WD-40 AEROSOL

Infosafe No.: ESS92

ISSUED Date : 03/08/2021

ISSUED by: WD-40 COMPANY AUSTRALIA
PTY LTD

1. Identification

GHS Product Identifier

WD-40 AEROSOL

Product Code

61001

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

Restriction on Use: None Identified

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Other Names

Name	Product Code
WD-40 AEROSOL	61002
WD-40 AEROSOL	61003
WD-40 AEROSOL	61004
WD-40 AEROSOL	61006
WD-40 AEROSOL	61009
WD-40 AEROSOL	61022
WD-40 AEROSOL	61031
WD-40 AEROSOL	61035
WD-40 AEROSOL	61090
WD-40 AEROSOL	61092
WD-40 AEROSOL	61093
WD-40 AEROSOL	61564
WD-40 AEROSOL	62003
WD-40 AEROSOL	62007
WD-40 AEROSOL	62008
WD-40 AEROSOL	62105
WD-40 AEROSOL	61001
WD-40 AEROSOL	61002
WD-40 AEROSOL	61003
WD-40 AEROSOL	61004
WD-40 AEROSOL	61006
WD-40 AEROSOL	61009
WD-40 AEROSOL	61022
WD-40 AEROSOL	61031
WD-40 AEROSOL	61035
WD-40 AEROSOL	61090
WD-40 AEROSOL	61092
WD-40 AEROSOL	61093
WD-40 AEROSOL	61564
WD-40 AEROSOL	62003
WD-40 AEROSOL	62007
WD-40 AEROSOL	62008
WD-40 AEROSOL	62105

2. Hazard Identification

GHS classification of the substance/mixture

Aspiration Hazard: Category 1

Flammable Aerosol: Category 1

Signal Word (s)

DANGER

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Hazard Statement (s)

H222 Extremely flammable aerosol.

H304 May be fatal if swallowed and enters airways.

H229 Pressurized container: may burst if heated.

Precautionary statement – General

Not Applicable

Pictogram (s)

Flame, Health hazard



Precautionary statement – Prevention

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

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

Precautionary statement – Response

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

P331 Do NOT induce vomiting.

Precautionary statement – Storage

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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 Aerosol Category 1

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
Distillates (petroleum), hydrotreated light	64742-47-8	30-60 Wt%
Petroleum Base Oils	Mixture	10-<30 Wt%
CARBON DIOXIDE	124-38-9	<5 Wt%

Other Information

Chemical Name: Mixture

Ingredient: Distillates (Petroleum), hydrotreated light

Substance Classification:

Flam. Liq. Cat 4 (H227)

Asp. Tox. Cat 1 (H304)

Ingredient: Petroleum Base Oils

Substance Classification:

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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)

Ingredient: Carbon Dioxide
Substance Classification:
Not Hazardous

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.

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. Use shielding to protect against bursting containers. Cool fire-exposed containers with water.

Specific Hazards Arising From The Chemical

Extremely flammable aerosol. Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. 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

2YE

Decomposition Temperature

Not determined

6. Accidental release measures

Methods And Materials For Containment And Cleaning Up

Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly.

Personal Precautions

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

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. Intentional misuse by deliberately concentrating vapors and inhaling can be harmful or fatal. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces, and open flames. Unplug electrical tools, motors, and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

Keep out of the reach of children. Do not puncture, crush, or incinerate containers, even when empty.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry ventilated area away from incompatible materials. Protect from physical damage. Do not store in direct sunlight, near open flames or above temperatures greater than 50°C.

8. Exposure controls/personal protection

Occupational exposure limit values

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)

Chemical: Carbon Dioxide

Occupational Exposure Limits:

5000 ppm TWA, 30000 ppm

STEL ACGIH TLV/AU/NZ OEL

Biological Limit Values

Chemical: Distillates (Petroleum), hydrotreated light

Biological Limit Value: None Established

Chemical: Petroleum Base Oils

Biological Limit Value: None Established

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Chemical: Naptha(petroleum), hydrotreated heavy
Biological Limit Value: None Established

Chemical: Carbon Dioxide
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. Always spray product away from your face.

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	Aerosol	Appearance	Aerosol spray with a pleasant scent
Decomposition Temperature	Not determined	Boiling Point	150°C - 205°C 302°F - 401°F Naphtha(petroleum), hydrotreated heavy
Solubility in Water	Insoluble 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	69°C (Concentrate) 156.2°F (Concentrate) (156.2°F) (Concentrate)
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 applicable

Other Information

Specific Heat Value: Not determined

VOC: Not determined

Release of invisible flammable vapors and gases: Yes

Aerosol Protection Level (NFPA 30B): 3

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. Avoid physical damage to aerosol can.

Incompatible materials

Strong oxidizers and strong acids.

Hazardous Decomposition Products

Oxides of carbon and nitrogen, 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 is an unlikely route of exposure for an aerosol product. 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

Liquid sprayed into 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 expected to be a skin irritation.

Serious eye damage/irritation

No data available for mixture. Based on the ingredients, this product is not expected to be 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

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

No data available. in Soil

Bioaccumulative Potential

No data available.

Other Adverse Effects

None Known

13. Disposal considerations

Waste Disposal

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated.

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

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

Hazchem Code

2YE

IERG Number

49

UN Number (Air Transport, ICAO)

1950

IATA/ICAO Proper Shipping Name

Aerosols, flammable

IATA/ICAO Hazard Class

2.1

IMDG UN No

1950

IMDG Proper Shipping Name

AEROSOLS

IMDG Hazard Class

2.1

Special Precautions for User

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

Other Information

IMDG Shipping Name: Aerosols

IMDG Hazard Class: 2.1

UN Number: UN1950

Marine Pollutant: No

EmS Code: F-D, S-U

IATA Shipping Name: Aerosols, Flammable

IATA Hazard Class: 2.1

UN Number: UN1950

ADG Shipping Name: Aerosols

ADG Hazard Class: 2.1

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UN Number: UN1950
Hazchem (Emergency Action) Code: 2YE

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

New Zealand:

HSNO Approval Number: HSR002515

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.
Classified as Dangerous Good for transport purposes.

HSNO Hazard Classes: 2.1.2A, 6.1E

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

Poisons Schedule

N/A

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
Transcription Sign Off	18925 MC 22/02/2016
Wis Numbers	00378900
Wis Numbers	00679779
Wis Numbers	02962121
Wis Numbers	03177052
Wis Numbers	03612814
Wis Numbers	03612848
Wis Numbers	03654549
Wis Numbers	03965702
Wis Numbers	03965809

Signature of Preparer/Data Service

Prepared By: Industrial Health & Safety Consultants, Inc.

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Other Information

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

STEL 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

2042400/ No.0169304

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