

SHEET 0066580

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SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form:

Product Name: WD-40 Multi-Use Product Aerosol NOT FOR SALE IN CALIFORNIA

CAS No:

Synonyms:

1.2. Intended Use of the Product

Use of the substance/mixture: Lubricant, Penetrant, Drives Out Moisture, Removes

and Protects Surfaces From Corrosion

1.3. Name, Address, and Telephone of the Responsible Party

Company

WD-40 Company

1061 Cudahy Place (92110)

P.O. Box 80607

San Diego, California, USA

[Chat now](#)

Phone: 92138-0607

1.4. Emergency Telephone Number

Emergency | 1-888-324-7596, 1-800-424-9300, 1-703-527-3887

number |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Flammable | Category 1

Aerosol |

Gas Under | Compressed Gas

Pressure |

Aspiration | Category 1

Toxicity |

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) | Flame | Gas Cylinder | Health Hazard

Signal Word (GHS-US) | DANGER!

Hazard Statements (GHS-US) | Extremely Flammable Aerosol.

| Contains gas under pressure; may explode if heated.

| May be fatal if swallowed and enters airways.

Precautionary Statements | Prevention

(GHS-US)

|Keep away from heat, sparks, open flames, hot

|surfaces - No smoking.

|Do not spray on an open flame or other ignition

|source.

|Pressurized container: Do not pierce or burn, even

|after use.

|Response

|IF SWALLOWED: Immediately call a POISON CENTER or

|physician. Do NOT induce vomiting.

|Storage

|Store locked up.

|Protect from sunlight. Do not expose to

temperatures

|exceeding 50°C/122°F. Store in a well-ventilated

|place.

|Disposal

|Dispose of contents and container in accordance

with

|local and national regulations.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification:

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Product identifier	%	Classification
			(GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture

Name	Product identifier	%	Classification
			(GHS-US)
Aliphatic Hydrocarbon	64742-47-8	45-50	Flammable Liquid
			Category 3

			Aspiration
			Toxicity
Category			1
Petroleum Base Oil	64742-56-9	<25	Not Hazardous
	64742-65-0		
	64742-53-6		
	64742-54-7		
	64742-71-8		
LVP Aliphatic Hydrocarbon	64742-47-8	12-18	Aspiration
			Toxicity
Category			1
Carbon Dioxide Asphyxiant	124-38-9	2-3	Simple
			Gas Under
			Pressure,
			Compressed Gas
Non-Hazardous Ingredients	Mixture	<10	Not Hazardous

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General:

First-aid Measures After Inhalation: If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.

First-aid Measures After Skin Contact: Wash with soap and water. If irritation develops and persists, get medical attention.

First-aid Measures After 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.

First-aid Measures After Ingestion: Aspiration Hazard. DO NOT induce vomiting.

Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596 immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: May cause eye and respiratory irritation. Inhalation may cause coughing, headache and dizziness. Skin contact may cause drying of the skin.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Immediate medical attention is needed for ingestion.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

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.

Unsuitable Extinguishing Media:

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Contents under pressure. Keep away from ignition sources and open

flames. 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. Combustion will produce oxides

of carbon and hydrocarbons.

Explosion Hazard:

Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions:

Protection During Firefighting: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Wear appropriate protective clothing (see Section 8).

Eliminate

all sources of ignition and ventilate area.

6.1.1. For Non-emergency Personnel

Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders

Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions

6.3. Methods and Material for Containment and Cleaning Up

For Containment:

Methods for 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.

Report spills to authorities as required.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. 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.

Hygiene Measures: Wash with soap and water after handling.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: Store in a cool, well-ventilated area, away from
incompatible
materials Do not store above 120°F or in direct sunlight. U.F.C (NFPA 30B) Level
3
Aerosol. Store away from oxidizers.

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Chemical

Occupational Exposure Limits

Aliphatic Hydrocarbon

1200 mg/m³ TWA (manufacturer recommended)

Petroleum Base Oil

5 mg/m³ TWA, 10 mg/m³ STEL ACGIH TLV

5 mg/m³ TWA OSHA PEL

LVP Aliphatic Hydrocarbon

1200 mg/m³ TWA (manufacturer recommended)

Carbon Dioxide

5000 ppm TWA (OSHA/ACGIH), 30,000 ppm STEL (ACGIH)

Non-Hazardous Ingredients

None Established

8.2. Exposure Controls

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.

Personal Protective Equipment

Materials for Protective Clothing

Hand Protection

Eye Protection

|The Following Controls are Recommended for Normal Consumer Use of this Product: Avoid eye contact.

|Always spray away from your face.

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

|Safety goggles recommended where eye contact is possible.

Skin and Body Protection |The Following Controls are Recommended for Normal

|Consumer Use of this Product: Avoid prolonged 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.

Respiratory Protection |The Following Controls are Recommended for Normal

normal |Consumer Use of this Product: None needed for

|use with adequate ventilation.

|For Bulk Processing or Workplace Use the Following

|Controls are Recommended: None required if

|ventilation is adequate. If the occupational

approved |exposure limits are exceeded, wear a NIOSH

|respirator. Respirator selection and use should be

|based on contaminant type, form and concentration.

Industrial |Follow OSHA 1910.134, ANSI Z88.2 and good

|Hygiene practice.

Thermal Hazard Protection |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	
Appearance	Light amber liquid
Odor	Mild petroleum odor
Odor Threshold	Not established
pH	Not Applicable
Relative Evaporation Rate	Not established
(butylacetate=1)	
Melting Point	Not established
Freezing Point	Not established
Boiling Point	361 - 369°F (183 - 187°C)
Flash Point	Not established
Auto-ignition Temperature	Not established
Decomposition Temperature	Not established
Flammability (solid, gas)	Flammable Aerosol
Vapor Pressure	95-115 PSI @ 70°F
Relative Vapor Density at 20 °C	

Relative Density	0.8 - 0.82 @ 60°F
Specific Gravity	
Solubility	Insoluble in water
Partition coefficient:	Not established
n-octanol/water	
Viscosity	2.79-2.96 cSt @ 100°F
Lower Flammable Limit	0.6%
Upper Flammable Limit	8%

9.2. Other Information

VOC: 412 grams/liter (49.5%)

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical Stability

Stable.

10.3 Possibility of Hazardous Reactions

May react with strong oxidizers generating heat.

10.4 Conditions to Avoid

Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.

10.5 Incompatible Materials

Strong oxidizing agents.

10.6 Hazardous Decomposition Products

Carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity:

Numerical Measures of Toxicity: The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard.

Skin Corrosion/Irritation:

Serious Eye Damage/Irritation:

Respiratory or Skin Sensitization:

Germ Cell Mutagenicity:

Carcinogenicity: None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.

Reproductive Toxicity: None of the components is considered a reproductive hazard.

Specific Target Organ Toxicity (Single Exposure):

Specific Target Organ Toxicity (Repeated Exposure):

Aspiration Hazard:

Symptoms/Injuries After Inhalation: 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.

Symptoms/Injuries After Skin Contact: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

Symptoms/Injuries After Eye Contact: Contact may be irritating to eyes. May cause redness and tearing.

Symptoms/Injuries After Ingestion: This product has low oral toxicity. Swallowing may cause 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.

Chronic Symptoms: None expected.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No specific aquatic toxicity data is currently available, however components of

this product are not expected to be harmful to aquatic organisms.

12.2. Persistence and Degradability

Component are readily biodegradable.

12.3. Bioaccumulative Potential

Bioaccumulation is not expected based on an assessment of the ingredients.

12.4. Mobility in Soil

No data available.

12.5. Other Adverse Effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: If this product becomes a waste, it would be

expected to meet the criteria of a RCRA ignitable hazardous waste (D001).

However,
it is the responsibility of the generator to determine at the time of disposal
the
proper classification and method of disposal. Do not puncture or incinerate
containers, even empty. Dispose in accordance with federal, state, and local
regulations.

Additional Information:

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name |Aerosols

Hazard Class |2.1 |<PICTOGRAM PHRASE>

Identification Number|UN1950 |

Label Codes | |

ERG Number |

14.2 In Accordance with IMDG

Proper Shipping Name |Aerosols

Hazard Class |2.1

Identification Number|UN1950

Label Codes | |<PICTOGRAM PHRASE>

Notification Of The		
Substance/m		
EmS-No. (Fire)		
EmS-No. (Spillage)		

14.3 In Accordance with IATA
Proper Shipping Name |

Identification Number| |<PICTOGRAM PHRASE>

Hazard Class | |

Label Codes | |

Notification Of The | |

Substance/m | |

ERG Code (IATA) | |

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations
<COMPONENT>

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting

requirements. Report spills required under federal, state and local regulations.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III.

Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

VOC Regulations: This product complies with the consumer product VOC limits of the US EPA and states adopting the OTC VOC rules but does not comply with CARB.

SARA Section 311/312 Hazard Classes |Acute Health, Fire Hazard, Sudden Release of
|Pressure

Toxic Substances Control Act (TSCA) |All of the components of this product are
|listed on the TSCA inventory.

15.2 US State Regulations <COMPONENT>

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date |July 20, 2014

Other | This document has been prepared in accordance with the SDS
Information | requirements of the OSHA Hazard Communication Standard 29 CFR
| 1910.1200.

GHS Full Text Phrases:

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