

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION (N/A)

Product Name: **WD-40 Aerosol**
Manufacturer Name: WD-40 Company
Address: P.O. Box 80607
 1061 Cudahy Place (92110)
 San Diego, California, 92138-0607
 USA

 Telephone:
 Emergency only: 1-888-324-7596 (PROSAR)
 Chemical Spills: 1-800-424-9300 (Chemtrec)
 1-703-527-3887 (International Calls)

HMIS

HEALTH	1
FIRE	4
REACTIVITY	0
PPE	

General Use: Lubricant, Penetrant, Drives Out Moisture, Removes and Protects Surfaces From Corrosion
Business Phone: 1-888-324-7596
Revision Date: 4/16/10
 SUPERSEDES: August 2007
Trade Names: WD-40 Aerosol

Chemical Name: Organic Mixture

HMIS Hazard Rating:
 Health - 1 (slight hazard)
 Fire Hazard - 4 (severe hazard)
 Reactivity - 0 (minimal hazard)

Product Codes:

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS : (N/A)

Ingredient Name	CAS#	Ingredient Percent
Aliphatic Hydrocarbon EC Index Number: 1	64742-47-8	50-70% by Weight
Petroleum Base Oil EC Index Number: 1	64742-53-6	< 25% by Weight
Carbon Dioxide EC Index Number: 1	124-38-9	2-3% by Weight
Surfactant EC Index Number: 1	Proprietary	< 2% by Weight

Non-Hazardous Ingredients		Mixture	< 10%	by Weight
EC Index Number:	1			
Petroleum Base Oil		64742-56-9	< 25%	by Weight
EC Index Number:	1			
Petroleum Base Oil		64742-65-0	< 25%	by Weight
EC Index Number:	1			

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SECTION 3 : HAZARDS IDENTIFICATION

: (N/A)

Emergency Overview:

DANGER! Flammable aerosol. Contents under pressure. Harmful or fatal if swallowed. If swallowed, may be aspirated and cause lung damage. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and all other sources of ignition.

Applies to All Ingredients :

Chronic Health Effects:

None expected.

Carcinogenicity:

Suspected Cancer Agent: No

Signs/Symptoms:

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.

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

Eye Contact: Contact may be irritating to eyes. May cause redness and tearing.

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.

Aggravation of Pre-Existing Conditions:

Preexisting eye, skin and respiratory conditions may be aggravated by exposure.

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SECTION 4 : FIRST AID MEASURES

: (N/A)

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 develops and persists, get medical attention.

Inhalation:

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

Engineering Controls:	<p>The Following Controls are Recommended for Normal Consumer Use of this Product: Use in a well-ventilated area.</p> <p>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.</p>
Skin Protection Description:	<p>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.</p> <p>For Bulk Processing or Workplace Use the Following Controls are Recommended: Wear chemical resistant gloves.</p>
Eye/Face Protection:	<p>The Following Controls are Recommended for Normal Consumer Use of this Product: Avoid eye contact. Always spray away from your face.</p> <p>For Bulk Processing or Workplace Use the Following Controls are Recommended: Safety goggles recommended where eye contact is possible.</p>
Respiratory Protection:	<p>The Following Controls are Recommended for Normal Consumer Use of this Product: None needed for normal use with adequate ventilation.</p> <p>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 a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.</p>
Exposure Limits:	<p>Chemical: Surfactant Occupational Exposure Limits: None Established</p> <p>Chemical: Non-Hazardous Ingredients Occupational Exposure Limits: None Established</p>
Work/Hygiene Practices:	Wash with soap and water after handling.

Ingredient Guidelines

Ingredient: Aliphatic Hydrocarbon

Guideline Type: Manufacturer Exposure Limit
 Guideline Information: 1200 mg/m³ TWA (manufacturer recommended)

Ingredient: Carbon Dioxide

Guideline Type: OSHA PEL-TWA
 Guideline Information: 5000 ppm
 Guideline Type: ACGIH TLV-TWA
 Guideline Information: 5000 ppm
 Guideline Type: ACGIH TLV-STEL
 Guideline Information: 30,000 ppm

Ingredient: Petroleum Base Oil

Guideline Type: OSHA PEL-TWA
 Guideline Information: 5 mg/m³
 Guideline Type: ACGIH TLV-TWA
 Guideline Information: 5 mg/m³
 Guideline Type: ACGIH TLV-STEL
 Guideline Information: 10 mg/m³

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Physical State/Appearance:	Liquid
Color:	Light amber
Odor:	Mild odor
pH:	Not Applicable
Vapor Pressure:	95-115 PSI @ 70 deg F
Vapor Density:	> 1
Flash Point:	122 deg F (49 deg C)
Flash Point Method:	Tag Open Cup (concentrate)
Upper Explosive Limit:	(Solvent Portion): 5.6%
Lower Explosive Limit:	(Solvent Portion): 0.8%
Boiling Point:	322 - 388 deg F (161 - 198 deg C)
Solubility:	In Water: Insoluble
Specific Gravity:	0.8 - 0.82 @ 60 deg F
Percent Volatile:	65%
Volatile Organic Compound Content:	533 grams/liter (65%)
Coefficient of Water/Oil Distribution:	Not Determined

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SECTION 10 : STABILITY and REACTIVITY : (N/A)

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.
Incompatibilities with Other Materials:	Strong oxidizing agents.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.

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SECTION 11 : TOXICOLOGICAL INFORMATION : (N/A)

Applies to All Ingredients :

Ingestion Effects:	The oral toxicity of this product is estimated to be greater than 5,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. It is an aspiration hazard.
Carcinogenicity:	None of the components of this product is listed as a carcinogen or suspected carcinogen.
Reproductive Toxicity:	None of the components of this product is considered a reproductive hazard.

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SECTION 12 : ECOLOGICAL INFORMATION : (N/A)

Ecological Paragraph:	No data is currently available.
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SECTION 13 : DISPOSAL CONSIDERATIONS

: (N/A)

Waste Disposal: Dispose in accordance with federal, state, and local regulations.

RCRA Hazard Class: 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.

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SECTION 14 : TRANSPORT INFORMATION

: (N/A)

DOT Shipping Name: DOT Surface Shipping Description: Consumer Commodity, ORM-D

Maritime Transportation CGVS/GGVE/IMDG: Shipping Description: Aerosols, LTD QTY

CGVS/GGVE/IMDG UN or NA Identification Number: UN1950

CGVS/GGVE/IMDG Class: 2.1

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SECTION 15 : REGULATORY INFORMATION

: (N/A)

Applies to all ingredients:

TSCA 8(b): Inventory Status: All of the components of this product are listed on the TSCA inventory.

CERCLA Section 103: 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 302 Extremely Hazardous Substances (TPQ): None

Section 312 Hazard Category: Hazard Category For Section 311/312:

Acute: Yes

Fire: Yes

Pressure: Yes

Section 313 Toxic Release Form: Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

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

Canada WHMIS: WHMIS Classification: Class B-5 (Flammable Aerosol)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

Canadian Environmental Protection Act: All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification.

Canada NDSL: One of the components is listed on the NDSL.



SECTION 16 : ADDITIONAL INFORMATION

: (N/A)

HMIS:

Health Hazard: 1

Fire Hazard: 4

Reactivity: 0

MSDS Revision Date: 4/16/10
SUPERSEDES: August 2007

MSDS Author: TITLE: Director of Global Consumer Relations and Regulatory

HMIS Hazard Rating: Health - 1 (slight hazard)
Fire Hazard - 4 (severe hazard)
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