

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**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)

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

HMIS

| | |
|------------|---|
| HEALTH | 1 |
| FIRE | 4 |
| REACTIVITY | 0 |
| PPE | |

Chemical Name: Organic Mixture

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

Product Codes:

[To Top of page](#)**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 EC Index Number: 1 | Mixture | < 10% by Weight |
| Petroleum Base Oil EC Index Number: 1 | 64742-56-9 | < 25% by Weight |
| Petroleum Base Oil EC Index Number: 1 | 64742-65-0 | < 25% by Weight |


[To Top of page](#)**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: | <p>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.</p> <p>Skin Contact: Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.</p> <p>Eye Contact: Contact may be irritating to eyes. May cause redness and tearing.</p> <p>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.</p> |
| Aggravation of Pre-Existing Conditions: | Preexisting eye, skin and respiratory conditions may be aggravated by exposure. |
| To Top of page |  |

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. |
| Ingestion: | (Swallowed): Aspiration Hazard. DO NOT induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596 immediately. |

[To Top of page](#)



SECTION 5 : FIRE FIGHTING MEASURES : (N/A)

| | |
|--|--|
| Flash Point: | 122 deg F (49 deg C) |
| Flash Point Method: | Tag Open Cup (concentrate) |
| Upper Flammable or Explosive Limit: | (Solvent Portion): 5.6% |
| Lower Flammable or Explosive Limit: | (Solvent Portion): 0.8% |
| 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. |
| Fire Fighting Instructions: | 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. |
| Unusual Fire Hazards: | 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. |

[To Top of page](#)



SECTION 6 : ACCIDENTAL RELEASE MEASURES : (N/A)

| | |
|--------------------------------|---|
| Personal Precautions: | Wear appropriate protective clothing (see Section 8). |
| Spill Cleanup Measures: | Eliminate all sources of ignition and ventilate area. 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. |

[To Top of page](#)



SECTION 7 : HANDLING and STORAGE : (N/A)

| | |
|---------------------------|---|
| 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, 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. |
| Storage: | Store in a cool, well-ventilated area, away from incompatible materials Do not store above 120 deg F or in direct sunlight. U.F.C (NFPA 30B) Level 3 Aerosol. |
| Hygiene Practices: | Wash with soap and water after handling. |

[To Top of page](#)



SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION : (N/A)

| | |
|-------------------------------------|---|
| 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> |

| | |
|-------------------------|--|
| | For Bulk Processing or Workplace Use the Following Controls are Recommended: Wear chemical resistant gloves. |
| Eye/Face 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. |
| 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 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. |
| Exposure Limits: | Chemical: Surfactant Occupational Exposure Limits: None Established |
| | Chemical: Non-Hazardous Ingredients Occupational Exposure Limits: None Established |
| 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 |

[To Top of page](#)



SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

: (N/A)

| | |
|--|-----------------------------------|
| 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 |

[To Top of page](#)



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. |

[To Top of page](#)



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 |

Reproductive Toxicity: suspected carcinogen.
None of the components of this product is considered a reproductive hazard.

[To Top of page](#)



SECTION 12 : ECOLOGICAL INFORMATION : (N/A)

Ecological Paragraph: No data is currently available.

[To Top of page](#)



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.

[To Top of page](#)



SECTION 14 : TRANSPORT INFORMATION : (N/A)

DOT Shipping Name: DOT Surface Shipping Description: Consumer Commodity, ORM-D
Maritime Transportation Shipping Description: Aerosols, LTD QTY
CGVS/GGVE/IMDG: CGVS/GGVE/IMDG UN or NA Identification Number: UN1950
CGVS/GGVE/IMDG Class: 2.1

[To Top of page](#)



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.

[To Top of page](#)



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)
Reactivity - 0 (minimal hazard)

[To Top of page](#)

