



**SPECIALIST**



# Safety Data Sheet

## 1 - Identification

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|--|---|
| <b>Product Name:</b> WD-40 Specialist® Food Grade Silicone Aerosol | <b>Manufacturer:</b> WD-40 Company  |
| <b>Product Use:</b> Lubricant                                      | <b>Address:</b> 9715 Businesspark Avenue<br>San Diego, California, USA<br>92131           |
| <b>Restrictions on Use:</b> None identified                        | <b>Telephone:</b>   |
| <b>SDS Date Of Preparation:</b> November 9, 2025                   | <b>Emergency:</b> 1-888-324-7596  |
|  | <b>Information:</b> 1-888-324-7596  |
|  | <b>Chemical Spills:</b> 1-800-424-9300 (Chemtrec)<br>1-703-527-3887 (International Calls) |

## 2 – Hazards Identification

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|---|
| <p><b>Hazcom 2024/GHS Classification:</b><br/> Aerosol Category 1<br/> Aspiration Toxicity Category 1<br/> Skin Irritation Category 2<br/> Specific Target Organ Toxicity Single Exposure Category 3 (nervous system effects)</p> <p>Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.</p> <p><b>Label Elements:</b></p>  <p><b>DANGER!</b><br/> Extremely flammable aerosol. Pressurized container: may burst if heated.<br/> May be fatal if swallowed and enters airways.<br/> Causes skin irritation.<br/> May cause drowsiness or dizziness.</p> <p><b>Prevention</b><br/> Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.<br/> Avoid breathing vapors or mists. Wash thoroughly with soap and water after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves.</p> <p><b>Response</b><br/> IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.<br/> IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.<br/> IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.<br/> IF exposed or concerned: Get medical advice.<br/> In case of fire: Use carbon dioxide, dry chemical or foam to extinguish.</p> <p><b>Storage</b><br/> Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C).</p> <p><b>Disposal</b><br/> Dispose of contents and container in accordance with local and national regulations.</p> |
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### 3 - Composition/Information on Ingredients

| Ingredient               | CAS #      | Weight Percent | US Hazcom 2024/ GHS Classification  |
|--------------------------|------------|----------------|---|
| Light alkylation naphtha | 64741-66-8 | 45-70%         | Flammable Liquid Category 2<br>Aspiration Toxicity Category 1<br>Skin Irritant Category 2<br>Specific Target Organ Toxicity<br>Single Exposure Category 3<br>(nervous system effects) |
| 1,1-difluoroethane       | 75-37-6    | 15-40          | Flammable Gas Category 1A<br>Liquefied Gas  |
| Polydimethylsiloxane     | 63148-62-9 | 1-5%           | Not classified  |

Note: The exact percentages are a trade secret.

### 4 – First Aid Measures

**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.

**Eye Contact:** Flush thoroughly with water. Remove contact lenses if present after the first 5 minutes and continue flushing. 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.

**Signs and Symptoms of Exposure:** Causes skin irritation. Inhalation may cause drowsiness, dizziness and other nervous system effects. Harmful or fatal if swallowed. Aspiration of liquid into the lungs during swallowing or vomiting may cause lung damage.

**Indication of Immediate Medical Attention/Special Treatment Needed:** Immediate medical attention is needed for ingestion.

### 5 – Fire Fighting Measures

**Suitable (and unsuitable) 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.

**Specific Hazards Arising from the Chemical:** **Specific Hazards Arising from the Chemical:** Extremely Flammable aerosol. 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. A vapor and air mixture can create an explosion hazard in confined spaces. Combustion product include oxides of carbon and hydrogen fluoride.

**Special Protective Equipment and Precautions for Fire-Fighters:** 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.

### 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area.

**Methods and Materials for Containment/Cleanup:** 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.

### 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, 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:** 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.

### 8 – Exposure Controls/Personal Protection

| Chemical                 | Occupational Exposure Limits   |
|--------------------------|--|
| Light alkylation naphtha | 300 ppm / 1400 mg/m <sup>3</sup> (total hydrocarbons) TWA manufacturer recommended |
| 1,1-difluoroethane       | 1000 ppm AIHA&OARS WEEL  |
| Polydimethylsiloxane     | None Established   |

### The Following Controls are Recommended for Normal Consumer Use of this Product

**Appropriate Engineering Controls:** Use in a well-ventilated area.

**Personal Protection:**

**Eye Protection:** Avoid eye contact. Wear safety goggles if splashing is possible.

**Skin Protection:** Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

**Respiratory Protection:** None needed for normal use with adequate ventilation.

### For Bulk Processing or Workplace Use the Following Controls are Recommended

**Appropriate Engineering Controls:** Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

**Personal Protection:**

**Eye Protection:** Safety goggles recommended where eye contact is possible.

**Skin Protection:** Wear chemical resistant gloves.

**Respiratory Protection:** 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.

**Work/Hygiene Practices:** Wash with soap and water after handling.

### 9 – Physical and Chemical Properties

|                           |                                |   |                                 |
|---------------------------|--------------------------------|---|---------------------------------|
| Physical State:           | Liquid                         | Color:                                  | Clear                           |
| Odor:                     | sweet odor                     | Flammable Limits:                       | LEL: 0.9%<br>UEL: 6%            |
| Relative Vapor Density:   | Greater than 3.9 (air=1)       | Vapor Pressure:                         | 30 mmHg @ 20°C (solvent)        |
| pH:                       | Not Applicable                 | Relative Density:                       | Not determined                  |
| Melting/Freezing Point:   | Not established                | Solubilities:                           | Negligible in water             |
| Boiling Point/Range:      | 210-220°F (99-104°C) (solvent) | Partition Coefficient; n-octanol/water: | Not established                 |
| Flash Point:              | 17.6°F (-8°C) (solvent)        | Autoignition Temperature:               | 829.4°F (443°C)                 |
| Particle Characteristics: | Not applicable                 | Decomposition Temperature:              | Not established                 |
| Flammability:             | Extremely flammable aerosol    | Kinematic Viscosity:                    | <20.5 mm <sup>2</sup> /sec@40°C |
| VOC:                      | 80-100%                        | Pour Point:                             | Not established                 |

### 10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** May react with strong oxidizers generating heat.

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

**Incompatible Materials:** Strong oxidizing and reducing agents.

**Hazardous Decomposition Products:** Thermal decomposition will generate carbon monoxide, carbon dioxide, silicon oxides.

## 11 – Toxicological Information

### **Symptoms of Overexposure:**

**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 Contact:** Irritating to skin. Prolonged and/or repeated contact may produce drying and defatting with possible dermatitis.

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

**Ingestion:** This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. The liquid contents are an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis.

**Chronic Effects:** Prolonged or repeated skin contact may defeat the skin resulting in irritation and dermatitis.

**Carcinogen Status:** 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.

**Numerical Measures of Toxicity:** The oral toxicity of this product is estimated to be greater than 2,000 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.

## 12 – Ecological Information

**Ecotoxicity:** Light alkylation naphtha: 96 hr LC50 oncorhynchus mykiss 18.4 mg/L; 48 hr EC50 Daphnia magna – 2.4mg/L, 72 hr EC50 algae 29 mg/L

**Persistence and Degradability:** Components are not readily biodegradable.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known

## 13 - Disposal Considerations

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.

## 14 – Transportation Information

DOT Surface Shipping Description: UN1950, Aerosols, 2.1 Ltd. Qty

(Note: Shipping Papers are not required for Limited Quantities unless transported by air or vessel – each package must be marked with the Limited Quantity Mark)

IMDG Shipping Description: Un1950, Aerosols, 2.1, LTD QTY

ICAO Shipping Description: UN1950, Aerosols, flammable, 2.1

NOTE: 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.

## 15 – Regulatory Information

### U.S. Federal Regulations:

**CERCLA 103 Reportable Quantity:** This product is not subject to CERCLA reporting. Oil spills are reportable to the National Response Center under the Clean Water Act. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

### SARA TITLE III:

**Hazard Category for Section 311/312:** Refer to Section 2 for the OSHA hazard classification

**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

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):** This product does not require a California Proposition 65 warning.

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

## 16 – Other Information

### HMIS Hazard Rating:

**Health – 2 (moderate hazard), Fire Hazard – 4 (serious hazard), Physical Hazard – 0 (minimal hazard)**

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Supersedes: New SDS

Prepared by: IHSC, LLC. Milford, CT, USA