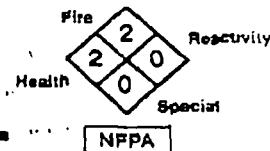


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# WD-40



## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

<b>Manufacturer:</b> WD-40 Company <b>Address:</b> 1061 Cudahy Place (92110) P.O. Box 80607 San Diego, California 92138-0607	<b>Telephone:</b> <b>Emergency Only:</b> 1 (800) 424-9300 (CHEMTREC) (619) 275-1400 <b>Information:</b> <b>Chemical Name:</b> Organic Mixture <b>Trade Name:</b> WD-40 Aerosol
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### II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	%	Exposure Limit ACGIH/OSHA
Aliphatic Petroleum Distillates	8052-41-3	50	100 ppm PEL
A-70 Hydrocarbon Propellant	68476-85-7	25	1000 ppm PEL
Petroleum Base Oil	64742-85-0	> 15	5 mg/m <sup>3</sup> TWA (mist)
Non-hazardous Ingredients		< 10	

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### III. PHYSICAL DATA

<b>Boiling Point:</b>	NA	<b>Evaporation Rate:</b>	Not determined
<b>Vapor Density (air = 1):</b>	Greater than 1	<b>Vapor Pressure:</b>	55±5 PSI @ 70°F
<b>Solubility in Water:</b>	Insoluble	<b>Appearance:</b>	Light amber
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	.710 @ 70°F	<b>Odor:</b>	Characteristic odor
<b>Percent Volatile (volume):</b>	80%		

### IV. FIRE AND EXPLOSION

<b>Flash Point:</b>	NA to aerosol cans
<b>Flammable Limits:</b>	(propellant portion) [Le] 1.8% [Uel] 9.5%
<b>Extinguishing Media:</b>	CO <sub>2</sub> , Dry Chemical, Foam
<b>Special Fire Fighting Procedures:</b>	None
<b>Unusual Fire and Explosion Hazards:</b>	EXTREMELY FLAMMABLE—U.F.C. level 3 aerosol

### V. HEALTH HAZARD / ROUTE(S) OF ENTRY

<b>Threshold Limit Value</b>	
Aliphatic Petroleum Distillates (Stoddard solvent) lowest TLV (ACGIH 100 ppm.)	
<b>Symptoms of Overexposure</b>	
<b>Inhalation (Breathing):</b>	May cause anesthesia, headache, dizziness, nausea and upper respiratory irritation.
<b>Skin Contact:</b>	May cause drying of skin and/or irritation.
<b>Eye Contact:</b>	May cause irritation, tearing and redness.
<b>Ingestion (Swallowed):</b>	May cause irritation, nausea, vomiting and diarrhea.
<b>First Aid Emergency Procedures</b>	
<b>Ingestion (Swallowed):</b>	Do not induce vomiting, seek medical attention.
<b>Eye Contact:</b>	Immediately flush eyes with large amounts of water for 15 minutes.
<b>Skin Contact:</b>	Wash with soap and water.
<b>Inhalation (Breathing):</b>	Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.
<b>DANGER!</b>	
<b>Aspiration Hazard:</b>	If swallowed can enter lungs and may cause chemical pneumonia. Do not induce vomiting. Call physician immediately.
<b>Suspected Cancer Agent</b>	
Yes _____ No <u>X</u>	The components in this mixture have been found to be non carcinogenic by NTP, IARC and OSHA.

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**VI. REACTIVITY DATA**

WD-40 Aerosol Spray Page 2

Stability:	Stable <u>X</u>	Unstable _____
Conditions to avoid:	NA	
Incompatibility:	Strong oxidizing materials	
Hazardous decomposition products:	Thermal decomposition may yield carbon monoxide and/or carbon dioxide.	
Hazardous polymerization:	May occur _____	Will not occur <u>X</u>

**VII. SPILL OR LEAK PROCEDURES****Spill Response Procedures**

Spill unlikely from aerosol cans. Leaking cans should be placed in plastic bag or open pail until pressure has dissipated.

**Waste Disposal Method**

Empty aerosol cans should not be punctured or incinerated; bury in land fill. Liquid should be incinerated or buried in land fill. Dispose of in accordance with local, state and federal regulations.

**VIII. SPECIAL HANDLING INFORMATION**

Ventilation:	Sufficient to keep solvent vapor less than TLV.
Respiratory Protection:	Advised when concentrations exceed TLV.
Protective Gloves:	Advised to prevent possible skin irritation.
Eye Protection:	Approved eye protection to safeguard against potential eye contact, irritation or injury.
Other Protective Equipment:	None required.

**IX. SPECIAL PRECAUTIONS**

Keep from sources of ignition. Avoid excessive inhalation of spray particles, do not take internally. Do not puncture, incinerate or store container above 120°F. Exposure to heat may cause bursting. Keep from children.

**X. TRANSPORTATION DATA****Domestic Surface**

Description:	Consumer Commodity
Hazard Class:	ORM-D
ID No.:	NONE
Label Required:	Consumer Commodity (ORM-D)

**Domestic Air**

Description:	Consumer Commodity (Flammable Gas-Aerosol products)
Hazard Class:	ORM-D
ID No.:	NONE
Label Required:	Consumer Commodity (ORM-D-AIR)

**XI. REGULATORY INFORMATION**

All ingredients for this product are listed on the TSCA Inventory.

SARA Title III chemicals:	None
California Prop 65 chemicals:	None
CERCLA reportable quantity:	None
RCRA hazardous waste no.:	D001 (Ignitable)

SIGNATURE: R. Miles *R. Miles*TITLE: Technical DirectorREVISION DATE: October 1996SUPERSEDES: October 1995

NA = Not applicable

NDA = No data available

&lt; = Less than

&gt; = More than

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