

**WD-40**

C-85



# MATERIAL SAFETY DATA SHEET

## I. PRODUCT IDENTIFICATION

Manufacturer: WD-40 Company  
Address: 1061 Cudahy Place (92110)  
P.O. Box 80607  
San Diego, California  
92138-9021

Emergency Telephone: (619) 275-1400  
Chemical Name: Organic Mixture

Trade Name: **WD-40 Aerosol**

## 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	8012-95-1	> 15	5 mg/M <sup>3</sup> (TWA)
Corrosion Inhibitor	Proprietary Mixture	< 10	5 mg/M <sup>3</sup> (TWA)
Wetting Agent	Proprietary Mixture	< 5	500 ppm (PEL)
Fragrance	Proprietary Mixture	< 5	NDA

## III. PHYSICAL DATA

Boiling Point:	NA	Evaporation Rate:	Not determined
Vapor Density: (air = 1)	Greater than 1	Vapor Pressure:	50 PSI @ 70°F
Solubility in Water:	Insoluble	Appearance:	Light amber
Specific Gravity (H <sub>2</sub> O = 1)	.710 @ 70°F	Odor:	Characteristic odor
Percent Volatile (volume):	80%		

## IV. FIRE AND EXPLOSION

Flash Point:	NA to aerosol cans
Flammable Limits:	(propellant portion) [Lel] 1.8% [Uel] 9.5%
Extinguishing Media:	CO <sub>2</sub> , Dry Chemical
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	Considered "extremely flammable" under Consumer Product Safety Commission regulations.

## V. HEALTH HAZARD INFORMATION

### Threshold Limit Value

Aliphatic Petroleum Distillates (Stoddard solvent) lowest TLV (ACGIH 100 ppm.)

### Symptoms of Overexposure

**Inhaled Vapor:** May cause anesthesia, headache, dizziness, nausea and upper respiratory irritation.  
**Skin Contact:** May cause drying of skin and or irritation.  
**Eye Contact:** May cause irritation, tearing and redness.  
**Swallowed:** May cause irritation, nausea, vomiting and diarrhea.  
**Aspiration into Lungs:** May cause chemical pneumonitis.

### First Aid Emergency Procedures

**Swallowed:** Do not induce vomiting, seek medical attention.  
**Eye Contact:** Immediately flush eyes with large amounts of water for 15 minutes.  
**Skin Contact:** Wash with soap and water.  
**Inhaled:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

### Suspected Cancer Agent

Yes \_\_\_\_\_ No X

The components in this mixture have been found to be noncarcinogenic by IARC and NTP.

## VI. REACTIVITY DATA

Stability:	Stable <u>X</u>	Unstable _____
Conditions to avoid:	NA	
Incompatibility:	Strong oxidizing materials	
Hazardous decomposition products:	NA	
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.

## VIII. SPECIAL HANDLING INFORMATION

Ventilation:	Sufficient to keep solvent vapor less than TLV.
Respiratory Protection:	None required.
Protective Gloves:	None required.
Eye Protection:	None required.
Other Protective Equipment:	None required.

## IX. SPECIAL PRECAUTIONS

Keep from sources of ignition, do not take internally. Avoid excessive inhalation of spray particles. Do not puncture, incinerate or store container above 120°F.

## 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)

SIGNATURE: R. Miles *R. Miles* TITLE: Technical Director  
REVISION DATE: April 1986 SUPERSEDES: December 1985

NA = Not applicable

NDA = No data available

< = Less than

> = More than

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