



# WD-40<sup>®</sup>

list Rec 8/

Fire	2	Reactivity	0
Toxicity	2	Special	0

NFPA

## 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 Bulk Liquid
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### II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	%	Exposure Limit ACGIH/OSHA
Aliphatic Petroleum Distillates	8052-41-3	70	100 ppm (PEL)
Petroleum Base Oil	8012-95-1	20	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:	300°F (minimum)	Evaporation Rate:	Not determined
Vapor Density (air = 1):	Greater than 1	Vapor Pressure:	Not determined
Solubility in Water:	Insoluble	Appearance:	Cloudy light amber
Specific Gravity (H <sub>2</sub> O = 1):	.800 @ 70°F	Odor:	Characteristic odor
Percent Volatile (volume):	74%		

### IV. FIRE AND EXPLOSION

Flash Point:	Tag Open Cup 110°F (minimum)
Flammable Limits:	(solvent portion) [Lel] 1.0% [Uel] 6.0%
Extinguishing Media:	CO <sub>2</sub> , Dry Chemical, Foam
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

### V. HEALTH HAZARD INFORMATION

<b>Threshold Limit Value</b>	
Aliphatic Petroleum Distillates (Stoddard solvent) lowest TLV (ACGIH 100 ppm.)	
<b>Symptoms of Overexposure</b>	
<b>Inhaled Vapor:</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>Swallowed:</b> May cause irritation, nausea, vomiting and diarrhea.	
<b>Aspiration into Lungs:</b> May cause chemical pneumonitis.	
<b>First Aid Emergency Procedures</b>	
<b>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>Inhaled:</b> Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.	
<b>Suspected Cancer Agent</b>	
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> 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

Absorb small quantities with sand, earth, sawdust. Large quantities pump into tank.

### Waste Disposal Method

Incinerate liquid, bury saturated absorbent 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:	None required.
Protective Gloves:	None required.
Eye Protection:	None required.
Other Protective Equipment:	None required.

## IX. SPECIAL PRECAUTIONS

Keep from open flame, do not take internally. Avoid excessive inhalation of spray particles.

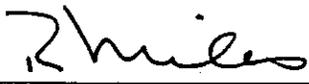
## X. TRANSPORTATION DATA

### Domestic Surface

Description: Petroleum Distillate Mixture  
Hazard Class: Combustible Liquid  
ID No.: UN 1268  
Label Required: NONE, for containers less than 100 Gallons

### Domestic Air

Description: Petroleum Distillate Mixture  
Hazard Class: Combustible Liquid  
Label Required: NONE, for containers less than 110 Gallons

SIGNATURE: R. Miles  TITLE: Technical Director

REVISION DATE: April 1986 SUPERSEDES: December 1985

NA = Not applicable

NDA = No data available

< = Less than

> = More than