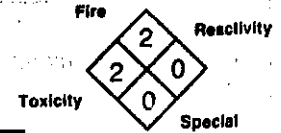




WD-40

646 Food Services



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 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 ³ (TWA)
Corrosion Inhibitor	Proprietary Mixture	< 10	5 mg/M ³ (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 ₂ 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 ₂ , 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 <u>X</u>	The components in this mixture have been found to be noncarcinogenic by IARC and NTP.

ACTIVITY DATA

Conditions to avoid:
Compatibility:
Hazardous decomposition products:
Hazardous polymerization:

Stable X Unstable _____
NA _____
Strong oxidizing materials
NA _____
May occur _____ Will not occur X

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

We believe the statements, technical information and recommendations contained herein are reliable. However, the data is provided without warranty, expressed or implied. It is the users responsibility both to determine safe conditions for use of this product and assume loss, damage or expense, direct or consequential, arising from its misuse. Before using product, read label.