

MATERIAL SAFETY DATA SHEET (MSDS)

Please retain for your records.

MATERIAL SAFETY DATA SHEET

2SF44

5A283, 6A546
WD-40

NFPA: Health = 2; Fire = 2; Reactivity = 0; Special = 0

I. PRODUCT IDENTIFICATION

Manufacturer: WD-40 Company
 Address: 1061 Cudahy Place (92110)
 P.O. Box 80607
 San Diego, California 92138-9021
 Telephone:
 Emergency Only: 1 (800) 424-9300 (CHEMTREC)
 Information: (619) 275-1400

Chemical Name: Organic Mixture
 Trade Name: WD-40 Bulk Liquid

II. HAZARDOUS INGREDIENTS

Exposure Limit Chemical Name (CAS Number)	%	ACGIH/OSHA
Aliphatic Petroleum Distillates (8052-41-3)	70	100 ppm PEL
Petroleum Base Oil (64742-65-0)	> 20	5mg/M3 TWA(mist)
Non-hazardous Ingredients	< 10	

III. PHYSICAL DATA

Boiling Point: 300 F (minimum)
 Vapor Density (air = 1): Greater than 1
 Solubility in Water: Insoluble
 Specific Gravity (H₂O = 1): 800 @ 70 F
 Percent Volatile (volume): 74%
 Evaporation Rate: Not determined
 Vapor Pressure: Not determined
 Appearance: Cloudy light amber
 Odor: Characteristic odor
 VOC: 568 grams per liter

IV. FIRE AND EXPLOSION

Flash Point: Tag Open Cup 110 F (minimum)
 Flammable Limits: (solvent portion) [LeL] 1.0% [UeL] 6.0%
 Extinguishing Media: CO₂, Dry Chemical, Foam
 Special Fire Fighting Procedures: None
 Unusual Fire and Explosion Hazards: None

V. HEALTH HAZARD / ROUTE(S) OF ENTRY

Threshold Limit Value
 Aliphatic Petroleum Distillates (Stoddard solvent) lowest
 TLV (ACGIH 100 ppm.)
 Symptoms of Overexposure
 Inhalation (Breathing): 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.
 Ingestion (Swallowed): May cause irritation, nausea, vomiting
 and diarrhea.
 First Aid Emergency Procedures
 Ingestion (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.
 Inhalation (Breathing): Remove to fresh air. Give artificial
 respiration if necessary. If breathing is difficult, give
 oxygen.

DANGER!

Aspiration Hazard: If swallowed can enter lungs and may cause
 chemical pneumonitis. Do not induce vomiting. Call
 Physician immediately.
 Suspected Cancer Agent
 Yes No X
 The components in this mixture
 have been found to be noncarcinogenic by NTP, IARC and
 OSHA.

VI. REACTIVITY DATA

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

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

X. TRANSPORTATION DATA

DOMESTIC SURFACE
 Description: Petroleum Distillate N.O.S.
 Hazard Class: Combustible Liquid
 ID No.: UN 1268
 Packaging Group: III
 Label Required: NONE, for containers less than 100 Gallons

DOMESTIC AIR

Description: Petroleum Distillate N.O.S. (Stoddard Solvent)
 Hazard Class: 3 UN 1268 PGII
 Label Required: Flammable Liquid

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 TITLE: Technical Director
 REVISION DATE: October 1993 SUPERSEDES: August 1992

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 user's responsibility both to determine safe conditions for
 use of this product and assume loss, damage or expense, direct
 or consequential, arising from its use. Before using product,
 read label. MSDS-B