This MSDS should be attached or kept with the respective product with which it is associated.

Associated Grainger Items
10066. 5A283. 6A544

MATERIAL SAFETY DATA SHEET
5A283. 6A544
WD-40

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

1. PRODUCT IDENTIFICATION
Manufacturer: WD-40 Company
Address: 1061 Cuddy Place (92110)
P.O. Box 80407
San Diego, California 92139-8021
Telephone:
Emergency Only: 1 (800) 424-9300 (CHEMTREC)
Information: (619) 275-3450

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

II. HAZARDOUS INGREDIENTS
Exposure Limit
Chemical Name % ACGIH/OSHA
Aliphatic Petroleum Distillates 70 100 ppm PEL
(CAS No. 8025-41-1)
Petroleum Base Oil > 20 5mg/m3 TWA (inst)
CAS No. 41742-03-0
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): 0.990 @ 70 F
Percent Volatile (volume): 76%
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: 70° Open Cup 110 F (minimum)
Flammable Limits: (solvent portion) Air=1.1% Vol=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 (Stockard 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 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 oxidising materials
Hazardous decomposition products: Thermal decomposition may
yield carbon monoxide and/or carbon dioxide.
Hazardous polymerisation: Will not occur

VII. SPILL OR LEAK PROCEDURES
Spill Response Procedures
Absorb small quantities with sand, earth, sawdust. Large
quantities pump into tank.
Waste Disposal Method
Incorporate liquid, bury saturated absorbent in landfill.
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: Flammable 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

II. 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

MA = Not applicable; NDA = No data available; < = Less than;
> = More than

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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.8