

WD 40

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**GRAINGER**

**WD-40**

**WD-40 AEROSOL**

Revised: 3/1/2001

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**Item Number:**

4F349, 5A282, 6Y852, 3UM45, 3UM46, 3UM47

**Mfg. Model Number:**

42110, 42150, 42180, 10008, 10011, 10016

WD-40 (R\*)

**MATERIAL SAFETY DATA SHEET**

**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 92138-0607

TELEPHONE:  
 EMERGENCY ONLY: 1 (800) 424-9300 (CHEMTREC)  
 INFORMATION: (619) 275-1400

CHEMICAL NAME: ORGANIC MIXTURE

TRADE NAME: WD-40 AEROSOL

ITEM NO.: 10002, 10005, 10008, 10011, 10013, 10016, 10023

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## II. HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	%	EXPOSURE LIMIT ACGIH/OSHA
ALIPHATIC PETROLEUM DISTILLATES	8052-41-3	60-70	100 PPM PEL
PETROLEUM BASE OIL	64742-65-0	15-25	5 MG/M3 TWA (MIST)
CARBON DIOXIDE	124-38-9	2-3	5000 PPM PEL
NON-HAZARDOUS INGREDIENTS		<10	

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## III. PHYSICAL DATA

BOILING POINT: NA

EVAPORATION RATE: NOT DETERMINED

VAPOR DENSITY (AIR = 1): GREATER THAN 1

VAPOR PRESSURE: 110 +/- 5 PSI @ 70 DEG. F

SOLUBILITY IN WATER: INSOLUBLE

APPEARANCE: LIGHT AMBER

SPECIFIC GRAVITY (H2O = 1): 0.816 @ 70 DEG. F

ODOR: CHARACTERISTIC ODOR

PERCENT VOLATILE (VOLUME): 70%

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## IV. FIRE AND EXPLOSION

FLASH POINT: TAG OPEN CUP 110 DEG. F (MINIMUM)

FLAMMABLE LIMITS: (SOLVENT PORTION)

(LEL): 1.0%

(UEL): 6.0%

EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, FOAM

SPECIAL FIRE FIGHTING PROCEDURES: CONTENTS UNDER PRESSURE

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLAMMABLE - U.F.C. LEVEL 3 AEROSOL

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## 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.

PRE-EXISTING MEDICAL CONDITIONS SUCH AS EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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.

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## 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:

MAY OCCUR ( )

WILL NOT OCCUR (X)

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## 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. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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## 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.

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## IX. SPECIAL PRECAUTIONS

KEEP FROM SOURCES OF IGNITION. AVOID EXCESSIVE INHALATION OF SPRAY PARTICLES,  
DO NOT TAKE INTERNALLY. DO NOT PUNCTURE, INCINERATE OR STORE CONTAINER ABOVE 120 DEG. F. EXPOSURE TO HEAT MAY CAUSE BURSTING. KEEP CAN AWAY FROM ELECTRICAL CURRENT OR BATTERY TERMINALS. ELECTRICAL ARCING CAN CAUSE BURN-THROUGH (PUNCTURE) WHICH MAY RESULT IN FLASH FIRE, CAUSING SERIOUS INJURY. KEEP FROM CHILDREN.

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## X. TRANSPORTATION DATA (49 CFR 172.101)

DOMESTIC SURFACE:  
DESCRIPTION: CONSUMER COMMODITY  
HAZARD CLASS: ORM-D  
ID NO.: NONE  
LABEL REQUIRED: CONSUMER COMMODITY (ORM-D)

DOMESTIC AIR:  
DESCRIPTION: CONSUMER COMMODITY (NON-FLAMMABLE GAS - AEROSOL)  
HAZARD CLASS: ORM-D  
ID NO.: NONE  
LABEL REQUIRED: CONSUMER COMMODITY (ORM-D-AIR)

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## 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: MARCH 2001

SUPERSEDES: MARCH 1998

NA = NOT APPLICABLE  
NDA = NO DATA AVAILABLE  
< = LESS THAN  
> = MORE THAN

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