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Material Safety Data Sheet

MSDS Form No. : MSDS10011

Item No. : 10011, 10016

**** MATERIAL SAFETY DATA SHEET ****

WD-40

Part # MSDS10011

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: WD-40

Product CAS: (none)

Product Code:

Synonyms: 10011; 10016; WD-40

Company Identification:

Name: WD-40 Company

Address: PO Box 30638

Address:

City: Los Angeles State: CA Zip: 90030

For information, call: HEALTH AND TECHNICAL CONTACTS: HEALTH ISSUES AND TECHNICAL INFORMATION

(8AM-5PM ET): 1-216-416-7200 X 5860

Emergency Number: ROCKY MOUNTAIN POISON CONTROL CENTER (24 HOURS EVERYDAY):
1-303-623-5716

Emergency Agency: CHEMTREC (24 HOURS EVERYDAY):

Number: 1-800-424-9300

MSDS Creation Date: 1/25/2006

Supersedes Date: 1/1/2003

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name	CAS	MIN	MAX
ALIPHATIC PETROLEUM DISTILLATES	8052-41-3	45	50
PETROLEUM BASE OIL	64742-65-0	15	25
CARBON DIOXIDE	124-38-9	2	3
NON-HAZARDOUS INGREDIENTS	(none)	10	10

Miscellaneous:

NON-HAZARDOUS INGREDIENTS

LT 10

INGREDIENT	OSHA TWA	ACGIH TWA
ALIPHATIC PETROLEUM DISTILLATES	100 PPM PEL	100 PPM PEL
PETROLEUM BASE OIL	5 MG/M3 TWA (MIST)	5 MG/M3 TWA (MIST)
CARBON DIOXIDE	5000 PPM PEL	5000 PPM PEL
NON-HAZARDOUS INGREDIENTS	-	-

Lbs of VOC per Gallon Coating (minus water): 4.6
 Coating Density (lbs/gal): 0
 Solvent Density (lbs/gal): 0
 Percent Solvent (volume): 0
 Percent Solids (volume): 0
 Percent Water (volume): 0

**** SECTION 3 - HAZARDS IDENTIFICATION ****

NFPA: Health: 2 Fire: 2 Reactivity: 0 Other: -
 HMIS: Health: Fire: Reactivity: Special Protection:

Miscellaneous:

POTENTIAL HEALTH EFFECTS

Target Organs:
 TARGET ORGAN AND OTHER EFFECTS: NOT APPLICABLE.

PRIMARY ROUTES OF EXPOSURE: NO INFORMATION.

CHRONIC: NO INFORMATION

Eye:

SIGNS AND SYMPTOMS OF OVEREXPOSURE: MAY CAUSE IRRITATION, TEARING AND REDNESS.

Skin:

SIGNS AND SYMPTOMS OF OVEREXPOSURE: SKIN CONTACT: MAY CAUSE DRYING OF SKIN
 AND/OR
 IRRITATION.

Ingestion:

SIGNS AND SYMPTOMS OF OVEREXPOSURE: INGESTION (SWALLOWED): MAY CAUSE IRRITATION,
 NAUSEA
 VOMITING AND DIARRHEA.

Inhalation:

SIGNS AND SYMPTOMS OF OVEREXPOSURE: INHALATION (BREATHING): MAY CAUSE ANESTHESIA, HEADACHE, DIZZINESS, NAUSEA AND UPPER RESPIRATORY IRRITATION.

Miscellaneous:

CONDITIONS TO AVOID: NO INFORMATION.

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

ACUTE: NO INFORMATION.

SUSPECTED CANCER AGENT: NO

**** SECTION 4 - FIRST AID MEASURES ****

Eye:

IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

Skin:

WASH WITH SOAP AND WATER.

Ingestion:

DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION.

Inhalation:

REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION, IF NECESSARY. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

Unusual Fire and Explosion Hazards:

FLAMMABLE - U.F.C. LEVEL 3 AEROSOL.

Special Fire Fighting Procedures:

CONTENTS UNDER PRESSURE.

Extinguishing Media:

CARBON DIOXIDE, DRY CHEMICAL, FOAM

Flash Point:

AND METHOD: 131 TAG CLOSED CUP

Flammable Limits:

Lower Limit:

(%): LEL - 1.0%

Upper Limit:

(%): UEL - 6.0%

AutoIgnition Temperature:

AUTOIGNITION TEMPERATURE (F): NOT AVAILABLE.

General Information:

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

Disposal:

EMPTY AEROSOL CANS SHOULD NOT BE PUNCTURED OR INCINERATED; BURY IN LANDFILL.

LIQUID SHOULD BE

INCINERATED OR BURIED IN LANDFILL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Spills/Leaks:

AEROSOL CANS. LEAKING CAN SHOULD BE PLACED IN PLASTIC BAG OR OPEN PAIL UNTIL PRESSURE HAS DISSENTED.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

SEE "STORAGE" BELOW.

Storage:

KEEP FROM SOURCES OF IGNITION. AVOID EXCESSIVE INHALATION OF SPRAY PARTICLES, DO NOT TAKE

INTERNAL DO NOT PUNCTURE, INCINERATE OR STORE CONTAINER ABOVE 120 (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

AWAY FROM CHILDREN.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

NO INFORMATION.

Eyes:

APPROVED EYE PROTECTION TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY.

Skin:
NO INFORMATION.

Clothing:
OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED.

Respirators:
ADVISE WHEN CONCENTRATIONS EXCEED TLV.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Appearance/Odor:
LIGHT AMBER AND CHARACTERISTIC ODOR.
PHYSICAL STATE: LIQUID (AEROSOL)

pH: N.A.
Vapor Pressure: 110 5 PSI @ 70 F
Vapor Density: (AIR = 1): GT 1
Evaporation Rate: (ETHER = 1): LT 1
Viscosity: NOT DETERMINED
Boiling Point: 323 F
Freezing/Melting Point: FREEZING POINT: NOT DETERMINED
Decomposition Temperature:
Solubility: IN WATER: INSOLUBLE
Specific Gravity: .816
Molecular Formula:
Molecular Weight:
Miscellaneous:
SPECIFIC GRAVITY (WATER = 1): 0.816 @ 70 F
PERCENT VOLATILE (VOLUME) 74%
VOC (LB./GAL): 4.6
VOC: 412 GRAMS/LITER 49.5%

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
STABLE.

Conditions to Avoid:
N/A

Incompatibilities with Other Materials:
INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: STRONG OXIDIZING MATERIALS.

Hazardous Decomposition Products:
THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE AND CARBON DIOXIDE.

Hazardous Polymerization:
WILL NOT OCCUR.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

Toxicological Information:

CARCINOGENICITY: NOT AVAILABLE.

INGREDIENT	ACGIH	IARC	NTP	OSHA
ALIPHATIC PETROLEUM DISTILLATES	NO	NO	NO	NO
PETROLEUM BASE OIL	NO	NO	NO	NO
CARBON DIOXIDE	NO	NO	NO	NO
NON-HAZARDOUS INGREDIENTS	NO	NO	NO	NO

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecological Information:

NO DATA

**** SECTION 13 - OTHER PRECAUTIONS ****

Other Precautions:

Work/Hygienic Practices:

**** SECTION 14 - TRANSPORT INFORMATION ****

Transportation Information:

DOMESTIC SURFACE AND DOMESTIC AIR

DOT SHIPPING NAME: CONSUMER COMMODITY

HAZARD CLASS OR DIVISION: ORM-D,

CARTON MARKINGS: CONSUMER COMMODITY (NON-FLAMMABLE GAS - AEROSOL

IDENTIFICATION NUMBER: NOT AVAILABLE.

PACKING GROUP: NOT AVAILABLE.

LABELS: CONSUMER COMMODITY (ORM-D)

Label Information:

**** SECTION 15 - REGULATORY INFORMATION ****

Regulatory Information:

TSCA STATUS: EACH INGREDIENT IS ON THE TSCA INVENTORY.

NSR STATUS (CANADA): NOT DETERMINED.

SARA TITLE III: NONE

HAZARD CATEGORIES:

ACUTE HEALTH: YES

CHRONIC HEALTH: YES

FIRE HAZARD: YES

PRESSURE HAZARD: NO.

REPORTABLE INGREDIENTS:

SECTION 302/303: NONE.

SECTION 313: NO SARA SECTION 313 COMPONENTS EXIST IN THIS PRODUCT.

CERCLA RQ: THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES: IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD.

**** SECTION 16 - ADDITIONAL INFORMATION ****

Additional Information:

N.A.=NOT APPLICABLE

N.D.=NOT DETERMINED

N.E.=NOT ESTABLISHED