

WD-40 -- ~~THREE-IN-ONE MULTI-PURPOSE OIL~~ - LUBRICATING OIL, GENERAL
MATERIAL SAFETY DATA SHEET
NSN: 9150009448186
Manufacturer's CAGE: 09137
Part No. Indicator: A
Part Number/Trade Name: THREE-IN-ONE MULTI-PURPOSE OIL

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General Information
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Item Name: LUBRICATING OIL, GENERAL
Company's Name: WD-40 COMPANY
Company's Street: 1061 CUDAHY PLACE
Company's P. O. Box: 80607
Company's City: SAN DIEGO
Company's State: CA
Company's Country: US
Company's Zip Code: 92138-0607
Company's Emerg Ph #: 800-424-9300 (CHEMTREC)
Company's Info Ph #: 619-275-1400
Safety Data Action Code: A
Record No. For Safety Entry: 002
Tot Safety Entries This Stk#: 003
Status: SMJ
Date MSDS Prepared: 01OCT97
Safety Data Review Date: 23JUN98
MSDS Preparer's Name: R. MILES
Preparer's Company: SAME
MSDS Serial Number: CHHDH

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (SEVERE)
HEAVY NAPHTHENIC; (SEVERELY HYDROTREATED HEAVY NAPHTHENIC OIL)
Ingredient Sequence Number: 01
Percent: >97
Ingredient Action Code: A
NIOSH (RTECS) Number: PY8035001
CAS Number: 64742-52-5
OSHA PEL: 5 MG/M3 (MIST) (MFR)
ACGIH TLV: 5 MG/M3 (MIST) (MFR)

Proprietary: NO
Ingredient: NON-HAZARDOUS INGREDIENTS
Ingredient Sequence Number: 02
Percent: <3
Ingredient Action Code: A
NIOSH (RTECS) Number: 1000314NH
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics
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Appearance And Odor: CLEAR AMBER LIQUID; FAINT CITRONELLA ODOR.
Boiling Point: >550F, >288C
Melting Point: N/A
Specific Gravity: 0.886-0.923
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: NIL
pH: N/A

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Fire and Explosion Hazard Data
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Flash Point: >305F, >152C
Flash Point Method: TOC
Extinguishing Media: CO*2, DRY CHEMICAL, FOAM, WATER SPRAY.
Special Fire Fighting Proc: USE NIOSH APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT (FP N). USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MANUFACTURER.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NOT APPLICABLE
Materials To Avoid: STRONG OXIDIZING MATERIALS.
Hazardous Decomp Products: THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE
&/OR CARBON DIOXIDE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHALATION:MAY CAUSE ANESTHESIA, HEADACHE,
DIZZINESS, NAUSEA AND UPPER RESPIRATORY IRRITATION. SKIN CONTACT:MAY CAUSE
DRYING AND/OR IRRITATION. EYE CONTACT:MAY CAUSE IRRITATION, TEARING AND
REDNESS. INGESTION:MAY CAUSE IRRITATION, NAUSEA, VOMITING AND DIARRHEA.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: INGEST:IF SWALLOWED, CAN ENTER LUNGS & MAY CAUSE
CHEMICAL PNEUMONITIS. DO NOT INDUCE VOMITING. CALL MD IMMEDIATELY.
EYES:IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.
SKIN:WASH W/SOAP & WATER. INHAL:REMOVE TO FRESH AIR. GIVE ARTIFICIAL
RESPIRATION IF NECESSARY. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: ABSORB SMALL SPILLS W/SAND, EARTH, SAWDUST.
LARGE QUANTITIES PUMP INTO TANK.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: INCINERATE LIQUID, BURY SATURATED ABSORBENT IN
LANDFILL. DISPOSE OF I/A/W LOCAL, STATE & FEDERAL REGULATIONS.
Precautions-Handling/Storing: KEEP FROM OPEN FLAME. DO NOT TAKE
INTERNALLY. AVOID EXCESSIVE INHALATION OF VAPORS. KEEP FROM CHILDREN.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Control Measures
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Respiratory Protection: USE NIOSH APPROVED AIR RESPIRATORY PROTECTION IN
CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation: USE LOC EXHST TO CAPTURE VAP, MISTS/FUMES, IF NEC. PROVIDE
VENT SUFFICIENT TO PVNT EXCEEDING REL/BUILD-UP OF (SUPP DATA)
Protective Gloves: CHEMICAL-RESISTANT GLOVES.
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).
Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET
ANSI DESIGN CRITERIA (FP N).
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: VENT:EXPLOSIVE CONCENTRATIONS OF VAPOR IN
AIR. NO SMOKING, OR USE OF FLAME OR OTHER IGNITION SOURCES.

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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 23JUN98
Label Date: 04JUN98

Label Status: M
Common Name: THREE-IN-ONE MULTI-PURPOSE OIL
Chronic Hazard: NO
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE:INHALATION:MAY CAUSE ANESTHESIA,
MAY CAUSE DRYING AND/OR IRRITATION. EYE CONTACT:MAY CAUSE IRRITATION,
TEARING AND REDNESS. INGESTION:MAY CAUSE IRRITATION, NAUSEA, VOMITING AND
DIARRHEA. CHRONIC:NONE LISTED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: WD-40 COMPANY
Label Street: 1061 CUDAHY PLACE
Label P.O. Box: 80607
Label City: SAN DIEGO
Label State: CA
Label Zip Code: 92138-0607
Label Country: US
Label Emergency Number: 800-424-9300 (CHEMTREC)