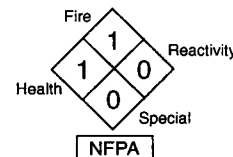




3-IN-ONE®



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

| | |
|---|---|
| Manufacturer: WD-40 Company | Telephone: 1 (800) 424-9300 (CHEMTREC) |
| Address: 1061 Cudahy Place (92110) P.O. Box 80607 San Diego, California 92138-0607 | Emergency Only: (619) 275-1400 |
| | Information: Organic Mixture |
| | Chemical Name: Three-In-One Multi-Purpose Oil |
| | Trade Name: |

II. HAZARDOUS INGREDIENTS

| Chemical Name | CAS Number | % | Exposure Limit ACGIH/OSHA |
|---|------------|------|--------------------------------|
| Severely Hydrotreated Heavy Naphthenic Oil | 64742-52-5 | > 97 | 5 mg/M ³ TWA (mist) |
| Non-hazardous Ingredients | | < 3 | |

III. PHYSICAL DATA

| | |
|--------------------------------|---|
| Appearance: Clear amber liquid | Volatiles: Nil |
| Odor: Faint citronella | pH: Not applicable |
| Boiling Point: Above 550°F | Specific Gravity: 0.886 - 0.923 @ 20°C |
| Freezing Point: Not applicable | Vapor Pressure: Not determined |
| Solubility in Water: Insoluble | Vapor Density (Air = 1): Not determined |

IV. FIRE AND EXPLOSION

| |
|---|
| Flash Point: Above 305°F TOC |
| Flame Extension: Not applicable |
| Extinguishing Media: CO ₂ , Dry Chemical, Foam, Water Spray |
| Fire Fighting Procedures: Use water to keep fire-exposed containers cool. |

V. HEALTH HAZARD / ROUTE(S) OF ENTRY

| | |
|---------------------------------|--|
| 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 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 <u> X </u> | The components in this mixture have been found to be noncarcinogenic by NTP, IARC and OSHA. |

VI. REACTIVITY DATA

| | | |
|-----------------------------------|--|-----------------------------|
| Stability: | Stable <u> X </u> | 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 <u> X </u> |

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 Requirements: | Use local exhaust to capture vapor, mists or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or build-up of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources. |
| Respiratory Protection: | Use air respiratory protection in confined or enclosed spaces, if needed. |
| Protective Gloves: | Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact. |
| Eye Protection: | Use splash goggles or face shield when eye contact may occur. |

IX. SPECIAL PRECAUTIONS

Keep from open flame. Do not take internally. Avoid excessive inhalation of vapors. Keep from children.

X. 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.: | None |

SIGNATURE: R. Miles



TITLE: Technical Director

REVISION DATE: February 2000

SUPERSEDES: April 1997

NA = Not applicable

NDA = No data available

< = Less than

> = More than

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MSDS 3/B