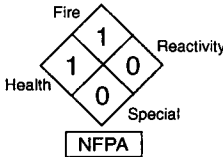




3-IN-ONE®



MATERIAL SAFETY DATA SHEET

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: Three-In-One Multi-Purpose Oil
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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 Odor: Faint citronella Boiling Point: Above 550°F Freezing Point: Not applicable Solubility in Water: Insoluble	Volatiles: Nil pH: Not applicable Specific Gravity: 0.886 - 0.923 @ 20°C Vapor Pressure: Not determined Vapor Density (Air = 1): Not determined
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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.
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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