



3-IN-ONE®



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

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

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 <input checked="" type="checkbox"/>	Unstable <input type="checkbox"/>
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 <input type="checkbox"/>	Will not occur <input checked="" type="checkbox"/>

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 2003

SUPERSEDES: February 2000

NA = Not applicable

NDA = No data available

< = Less than

> = More than

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MSDS 3/B