



# WD-40 Company



## MATERIAL SAFETY DATA SHEET

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**MANUFACTURER/SUPPLIER:**

**US Office:**  
**WD-40 Company**  
**1061 Cudahy Place**  
**San Diego, CA 92110**

**Information Phone #:** (619) 275-1400

**Emergency Phone # 24 hr:**

**Chemtrec: (800) 424-9300 –**

Designated for use only in the event of chemical emergencies involving a spill, leak, fire exposure or accident involving chemicals.

**Canadian Office:**

**WD-40 Products [Canada] Ltd.**  
**P.O. Box 220**  
**Toronto, Ontario M9C 4V3**

**Information Phone #:** (416) 622-9881

**Emergency Phone # 24 hr:**

**Canutec: (613) 996-6666 –**

Designated for use only in the event of chemical emergencies involving a spill, leak, fire exposure or accident involving chemicals

**PRODUCT NAME:** 3-IN-ONE Multi-Purpose Oil

**PRODUCT USE:** Lubricant

**MSDS DATE OF PREPARATION:** January 23, 2015

### SECTION 2 HAZARDS IDENTIFICATION

**CAUTION!** May cause eye irritation. Prolonged or repeated skin contact may cause mild irritation and defatting dermatitis. Avoid eye contact. Avoid prolonged or repeated contact with skin and clothing.

**POTENTIAL HEALTH EFFECTS:**

**PRIMARY ROUTES OF ENTRY:** Skin and eye contact.

**ACUTE EFFECTS:**

**INGESTION:** This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into the lungs during swallowing or vomiting may cause chemical pneumonitis.

**EYES:** Contact may be irritating to eyes. May cause redness and tearing.

**SKIN:** Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

**INHALATION:** High concentrations of oil mists may cause nasal and respiratory irritation.

**CHRONIC EFFECTS:** None expected.

### SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

<b>Ingredient</b>	<b>CAS Number</b>	<b>Percent</b>
Severely Hydrotreated Heavy Naphthenic Oil	64742-52-5	>97%
Naphtha, petroleum	64742-47-8	<2%
Non-Hazardous Ingredients	Proprietary	<3%

### SECTION 4 FIRST AID MEASURES

**For Medical Emergencies Call 1-888-324-7596 (24 hours/day)**

**INGESTION:** Possible Aspiration Hazard. DO NOT induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596 immediately.

**EYE CONTACT:** Flush thoroughly with water. Get medical attention if irritation persists.

**SKIN CONTACT:** Wash with soap and water. If irritation develops and persists, get medical attention.

**INHALATION:** If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.

#### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water.

**UNUSUAL FIRE/EXPLOSION HAZARDS:** Slightly combustible liquid. If heated above the flashpoint, will release flammable vapors that can present a fire or explosion hazard.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

**SPILL RESPONSE:** Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

#### SECTION 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing oil mists. Use with adequate ventilation. Keep away from heat, hot surfaces and open flames. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children.

**STORAGE:** Store away from heat, flames and incompatible materials.

#### SECTION 8. EXPOSURE CONTROLE/PERSONAL PROTECTION

##### OCCUPATIONAL EXPOSURE LIMITS:

Severely Hydrotreated Heavy Naphthenic Oil	5 mg/m <sup>3</sup> TWA ACGIH TLV (Inhalable)
Naphtha, petroleum	1200 mg/m <sup>3</sup> TWA Manufacturer recommended
Non-Hazardous Ingredients	None Established

##### The Following Controls are Recommended for Normal Consumer Use of this Product

**Engineering Controls:** Use in a well-ventilated area.

**Personal Protection:**

**Eye Protection:** Avoid eye contact.

**Skin Protection:** Avoid prolonged skin contact. Wash hands with soap and water after use.

**Respiratory Protection:** None needed for normal use with adequate ventilation.

##### For Bulk Processing or Workplace Use the Following Controls are Recommended

**Engineering Controls:** Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

**Personal Protection:**

**Eye Protection:** Safety goggles recommended where eye contact is possible.

**Skin Protection:** Wear chemical resistant gloves.

**Respiratory Protection:** None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Work/Hygiene Practices:** Wash with soap and water after handling.

#### SECTION 9. PHYSICAL DATA

APPEARANCE AND ODOR: Clear amber liquid with a faint citronella odor.

Boiling Point:	>550°F	Specific Gravity:	0.866-0.923 @ 20°C
Solubility in Water:	Insoluble	pH:	Not Applicable
Vapor Pressure:	Not determined	Vapor Density:	Not determined
Percent Volatile:	Nil	VOC:	0%
Coefficient of Water/Oil Distribution:	Not Determined	Flash Point:	>305°F (TOC)
		Flammable Limits:	Not determined
Viscosity	112 SUS (23.31 cSt) @ 100°F		

#### SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents. Avoid heat and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.

#### SECTION 11 TOXICOLOGICAL INFORMATION

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria.

None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.

#### SECTION 12 ECOLOGICAL INFORMATION

No data is currently available.

#### SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: If this product becomes a waste, it would not be expected to meet the criteria of a hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Dispose in accordance with federal, state, and local regulations.

#### SECTION 14 TRANSPORT INFORMATION

U.S. DOT Hazard Classification: Not regulated

Canadian TDG Classification: Not regulated

IMDG Code Hazard Classification: Not regulated

#### SECTION 15 REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

**SARA TITLE III:**

Hazard Category For Section 311/312: Non-Hazardous.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313

Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

**CANADIAN REGULATIONS:**

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification

Canadian WHMIS Classification: Not a controlled product

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

<b>SECTION 16 – OTHER INFORMATION</b>
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**HMIS Hazard Rating: Health – 1 (slight hazard), Fire Hazard – 1 (slight hazard), Physical Hazard – 0 (minimal hazard)**

Revision Date: 01/23/15

Supersedes: 02/27/12

Prepared By: Industrial Health & Safety Consultants, Inc. 1-203-929-3473

This MSDS complies with OSHA guidelines set by 29 CFR 1910.1200 and the Canadian WHMIS regulations. The foregoing information has been compiled from sources believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that data is correct. Standards change without notice. It is the responsibility of the recipient to insure that their personnel have been notified of any changes which may affect them. The data provided on this MSDS are not meant to be used as specifications, only as guideline information as to the safe use of this product. User should refer to applicable laws before use.

N/D = Not Determined N/E = Not Established N/A = Not Applicable