# Safety Data Sheet

## 1 - Identification

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|---|---|
| **Product Name: 3-IN-ONE® Motor Oil**<br><br>**Product Use: Lubricant**<br><br>**Restrictions on Use: None identified**<br><br>**SDS Date Of Preparation: July 18, 2018** | **Manufacturer: WD-40 Company**<br>**Address: 9715 Businesspark Avenue San Diego, California, USA 92131**<br>**Telephone:**<br>**Emergency: 1-888-324-7596**<br>**Information: 1-888-324-7596**<br>**Chemical Spills: 1-800-424-9300 (Chemtrec)**<br>**1-703-527-3887 (International Calls)** |

## 2 – Hazards Identification

**Hazcom 2012/GHS Classification:**
Not hazardous

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling.

**Label Elements:**
Not required

## 3 - Composition/Information on Ingredients

| Ingredient | CAS # | Weight Percent | US Hazcom 2012/ GHS Classification |
|---|---|---|---|
| Highly refined mineral oil | 64742-55-8 | >96 | Not hazardous |
| Naptha, petroleum | 64742-47-8 | <2 | Not hazardous |
| Non-Hazardous Ingredients | Mixture | <4 | Not Hazardous |

Note: The exact percentages are a trade secret.

## 4 – First Aid Measures

**Ingestion (Swallowed):** While aspiration is unlikely due to viscosity, 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 (Breathing):** If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.
**Signs and Symptoms of Exposure**: May cause mild eye irritation. Prolonged or repeated skin contact may cause mild irritation and defatting dermatitis.
**Indication of Immediate Medical Attention/Special Treatment Needed**: Immediate medical attention is needed for ingestion.

## 5 – Fire Fighting Measures

**Suitable (and unsuitable) 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
**Specific Hazards Arising from the Chemical**: Not classified as flammable or combustible but this product will burn under fire conditions. If heated above the flashpoint, will release flammable vapors that can present a fire or explosion hazard.
**Special Protective Equipment and Precautions for Fire-Fighters**: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing in areas where chemicals are used and stored. Cool fire-exposed containers with water.

**6 – Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area.
**Methods and Materials for Containment/Cleanup:** 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.

**7 – Handling and Storage**

**Precautions for Safe 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.
**Conditions for Safe Storage:** Store in a cool, well-ventilated area, away from incompatible materials. NFPA 30 Class IIIB Liquid.

**8 – Exposure Controls/Personal Protection**

| Chemical | Occupational Exposure Limits |
|---|---|
| Highly refined mineral oil | 5 mg/m$^3$ TWA ACGIH TLV (Inhalable)<br>5 mg/m3 TWA OSHA PEL |
| Naptha, petroleum | 1200 mg/m3 TWA (manufacturer recommended) |
| Non-Hazardous Ingredients | None Established |

**The Following Controls are Recommended for Normal Consumer Use of this Product**
**Appropriate 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**
**Appropriate Engineering Controls:** Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.
**Personal Protection:**
**Eye Protection:** Safety glasses recommended where eye contact is possible.
**Skin Protection:** Wear chemical resistant gloves if needed to avoid prolonged contact.
**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 OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.
**Work/Hygiene Practices:** Wash with soap and water after handling.

**9 – Physical and Chemical Properties**

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|---|---|---|---|
| Appearance: | Light amber liquid | Flammable Limits: | Not established |
| Odor: | Faint citronella odor | Vapor Pressure: | <0.1 mmHg @ 20°C |
| Odor Threshold: | Not established | Vapor Density: | Greater than 1 (air=1) |
| pH: | Not Applicable | Relative Density: | 0.866-0.940 @ 20°C |
| Melting/Freezing Point | Not established | Solubilities: | Insoluble in water |
| Boiling Point/Range: | >536°F | Partition Coefficient; n-octanol/water: | Not established |
| Flash Point: | >350°F Tag Open Cup | Autoignition Temperature: | Not established |
| Evaporation Rate: | Not established | Decomposition Temperature: | Not established |

| | | | |
|---|---|---|---|
| Flammability (solid, gas) | Not applicable | Viscosity: | 68mm$^2$ /s @ 40° C |
| VOC: | 0% | Pour Point: | Not established |

**10 – Stability and Reactivity**

**Reactivity:** Not reactive under normal conditions
**Chemical Stability:** Stable
**Possibility of Hazardous Reactions:** May react with strong oxidizers generating heat.
**Conditions to Avoid:** Avoid heat, flames and other sources of ignition.
**Incompatible Materials:** Strong oxidizing agents.
**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide.

**11 – Toxicological Information**

**Symptoms of Overexposure:**
**Inhalation:** High concentrations of oil mists may cause nasal and respiratory irritation.
**Skin Contact:** Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.
**Eye Contact:** Contact may be irritating to eyes. May cause redness and tearing.
**Ingestion:** This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
**Chronic Effects:** None expected.
**Carcinogen Status:** None of the components are listed as a carcinogen or suspect carcinogen by IARC, NTP, ACGIH or OSHA.
**Reproductive Toxicity**: None of the components is considered a reproductive hazard.
**Numerical Measures of Toxicity**:
The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 2,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria.

**12 – Ecological Information**

**Ecotoxicity:** Highly refined mineral oil: Expected to be practically non-toxic: L(E)C50 >100 mg/L. No chronic effects to aquatic organisms are expected. Petroleum naphtha is not expected to be harmful to aquatic organisms.
**Persistence and Degradability:** Mineral oil is not readily biodegradable but is inherently biodegradable.
**Bioaccumulative Potential:** Contains components with the potential to bioaccumulate.
**Mobility in Soil:** Mineral oil will absorb to soil particles and will not be mobile
**Other Adverse Effects:** None known

**13 - Disposal Considerations**

If this product becomes a waste, it would not be expected to meet the criteria of a RCRA 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.

**14 – Transportation Information_**

DOT Surface Shipping Description: Not Regulated
IMDG Shipping Description: Not Regulated
ICAO Shipping Description: Not Regulated
NOTE: WD-40 does not test containers to assure that they can withstand the pressure change without leakage when transported by air. We do not recommend that our products be transported by air unless a specific review is conducted.

**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 required under federal, state and local regulations.
**SARA TITLE III**:
**Hazard Category For Section 311/312:** Not 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.
**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)**: This product does not require a California Proposition 65 warning.
**VOC Regulations**: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.
**Canadian Environmental Protection Act**: All of the ingredients are listed on the Canadian Domestic Substances List, Canadian Non-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.

**16 – Other Information:**

**HMIS Hazard Rating:**
**Health – 1 (slight hazard), Fire Hazard – 1 ((slight hazard), Physical Hazard – 0 (minimal hazard)**

Revision Date: July 18, 2018 Supersedes: July 31, 2014

Revision Summary: Address and telephone number update in Section 1.

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