1 - Identification

<table>
<thead>
<tr>
<th>Trade Name:</th>
<th>WD-40 BIKE Wet Chain Lubricant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name:</td>
<td>Organic Mixture</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Bike Chain Lubricant</td>
</tr>
<tr>
<td>Restrictions on Use:</td>
<td>None identified</td>
</tr>
<tr>
<td>SDS Date Of Preparation:</td>
<td>10/16/14</td>
</tr>
</tbody>
</table>

Manufacturer: WD-40 BIKE Company
Address: 637 Valley Avenue, Suite A/B
Solana Beach, CA, USA 92075
Telephone: Emergency only: 1-888-324-7596 (PROSAR)
Information: 1-888-324-7596
Chemical Spills: 1-800-424-9300 (Chemtrec)
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. The actual container label will have a different label. The below applies to industrial/professional products.

Label Elements:
Not required

3 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight Percent</th>
<th>US Hazcom 2012/ GHS Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Base Oil</td>
<td>64742-56-9, 64742-65-0, 64742-53-6, 64742-54-7, 64742-71-8</td>
<td>&lt;50</td>
<td>Not Hazardous</td>
</tr>
<tr>
<td>Distillates (Petroleum) Hydrotreated Light</td>
<td>64742-47-8</td>
<td>20-30%</td>
<td>Not Hazardous</td>
</tr>
<tr>
<td>Non-hazardous Ingredients</td>
<td>Proprietary</td>
<td>&lt;30</td>
<td>Not Hazardous</td>
</tr>
</tbody>
</table>

Note: The exact percentages are a trade secret.

4 – First Aid Measures

**Ingestion (Swallowed):** Do not induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596 for advice.

**Eye Contact:** Flush thoroughly with water for 5 minutes then remove contact lenses if present. Continue flushing eyes for several minutes. 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 eye irritation. May cause skin irritation and dryness on prolonged contact.

**Indication of Immediate Medical Attention/Special Treatment Needed:** Immediate medical attention is not required.
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:** This product is not classified as flammable or combustible but will burn under fire conditions.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. 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 vapors or aerosols. Use with adequate ventilation. Keep away from excessive 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

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Occupational Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Base Oil</td>
<td>5 mg/m³ (inhalable) TWA</td>
</tr>
<tr>
<td>Distillates (Petroleum) Hydrotreated Light</td>
<td>1200 mg/m³ TWA (manufacturer recommended)</td>
</tr>
<tr>
<td>Non-Hazardous Ingredients</td>
<td>None Established</td>
</tr>
</tbody>
</table>

**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. Safety glasses or goggles recommended.

**Skin Protection:** Avoid prolonged skin contact. Chemical resistant gloves recommended for operations where skin contact is likely.

**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 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 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Light amber liquid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Mild odor</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>Not established</td>
</tr>
<tr>
<td>pH:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Melting/Freezing Point:</td>
<td>Not established</td>
</tr>
<tr>
<td>Boiling Point/Range:</td>
<td>277°C/530°F</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>114°C/237°F</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>Not established</td>
</tr>
<tr>
<td>VOC:</td>
<td>0 grams/L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Limits:</td>
<td>LEL: 0.6%  UEL: 4.9%</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>0.09 mmHg @ 20°C</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>6.5</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>0.8 – 0.82@60°F</td>
</tr>
<tr>
<td>Solubilities:</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition Coefficient; n-octanol/water:</td>
<td>Not established</td>
</tr>
<tr>
<td>Autoignition Temperature:</td>
<td>Not established</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>Not established</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>24.93 cSt (119 SUS) @ 40°C/100°F</td>
</tr>
<tr>
<td>Pour Point:</td>
<td>15°C/59°F</td>
</tr>
</tbody>
</table>

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, sparks, 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 may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

**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 based on an assessment of the ingredients. This product is not classified as toxic by established criteria.

12 – Ecological Information

**Ecotoxicity:** No data is currently available. If applied to leaves may kill grasses and small plants by interfering with respiration and transpiration. This product is not toxic to fish but may coat gill structures resulting in suffocation.

**Persistence and Degradability:** This product is biodegradable.

**Bioaccumulative Potential:** No data is currently available.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** None known.
13 - Disposal Considerations

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

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 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
VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.
California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65.
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 SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS 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: October 16, 2014
Supersedes: September 2012
Revision Summary: Convert to Hazcom 2012. Changes in all sections.
Prepared by: Industrial Health & Safety Consultants, Inc. Shelton, CT, USA

Reviewed By: I. Kowalski
Regulatory Affairs Dept.

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