



## Safety Data Sheet

### 1 - Chemical Product and Company Identification

|  |   |
|--|---|
| <b>Manufacturer:</b> WD-40 Company<br><b>Address:</b> 9715 Businesspark Avenue<br>San Diego, California, USA<br>92131<br><b>Telephone:</b> +1-800-448-9340<br>+1-858-251-5600<br><b>Emergency:</b> 1-888-324-7596<br><b>Information:</b> 1-888-324-7596<br><b>Chemical Spills:</b> 1-800-424-9300 (Chemtrec)<br>1-703-527-3887 (International Calls) | <b>Chemical Name:</b> Mixture<br><br><b>Trade Name:</b> WD-40 Specialist Bike Cleaner<br><br><b>Product Use:</b> Bike Cleaner<br><br><b>SDS Date Of Preparation:</b> Nov 27, 2023 |
|--|---|

### 2 - Hazards Identification

**GHS Classification:**

Eye Irritant Category 2

Skin Irritation Category 3

**Label Elements:****WARNING!**

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

**Prevention**

P264 Wash thoroughly after handling.

P280 Wear eye protection.

**Response**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical attention.

P332+P313 If skin irritation occurs: Get medical attention.

### 3 - Composition/Information on Ingredients

| Ingredient                        | CAS #      | Weight Percent | GHS Classification   |
|-----------------------------------|------------|----------------|--|
| Non-Hazardous Ingredients         | Mixture    | 85-95%         | Not Hazardous  |
| Diethylene glycol monobutyl ether | 112-34-5   | <10%           | Acute Oral Toxicity Category 5<br>Acute Dermal Toxicity Category 5<br>Eye Irritant Category 2                              |
| Sodium alkyl sulfate              | 68891-38-3 | <3%            | Acute Oral Toxicity Category 5<br>Eye Damage Category 1<br>Skin Irritant Category 2<br>Aquatic Chronic Toxicity Category 3 |

#### 4 – First Aid Measures

**Ingestion (Swallowed):** Rinse out mouth and give sips of water. Do not induce vomiting. Get medical attention. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596.

**Eye Contact:** Flush thoroughly with water then remove contact lenses if present, and easy to do so. Continue flushing eyes for several minutes. Get medical attention if irritation persists.

**Skin Contact:** Flush thoroughly with water. Remove any contaminated clothing and launder before reuse. If irritation develops and persists, get medical attention.

**Inhalation (Breathing):** Discontinue use and move to fresh air. Get medical attention if irritation develops and persists.

**Most Important Symptoms (acute and delayed):** May cause moderate to severe eye irritation. May cause mild skin irritation.

**Indication of Immediate Medical Attention or Special Treatment:** Immediate medical attention is not required.

#### 5 – Fire Fighting Measures

**Extinguishing Media:** This product is not flammable or combustible. Use any media that is appropriate for the surrounding fire.

**Special Fire Fighting Procedures:** Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing for fires involving chemicals. Cool fire-exposed containers with water.

**Unusual Fire and Explosion Hazards:** Thermal decomposition will release oxides of carbon and oxides of sulfur.

#### 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Avoid contact with eyes. Avoid prolonged contact with skin and clothing. Wear appropriate protective clothing (see Section 8).

**Environmental Precautions:** Report spills to authorities as required.

**Methods and Materials for Containment/Cleanup:** Spills can be collected with an absorbent material and placed in a container for disposal. Clean the spill area with water. Large spills should be contained with an inert absorbent material. Collect into containers for proper disposal.

#### 7 – Handling and Storage

**Precautions for Safe Handling:** Avoid eye contact. Avoid prolonged or repeated contact with skin and clothing. Keep container closed when not in use. Wash thoroughly after use. Keep out of the reach of children.

**Conditions for Safe Storage, including any incompatibilities:** Store in a cool, dry area. Avoid freezing.

#### 8 – Exposure Controls/Personal Protection

| Chemical                          | Occupational Exposure Limits                        |
|-----------------------------------|---|
| Non-Hazardous Ingredients         | None Established                                    |
| Diethylene glycol monobutyl ether | 10 ppm TWA ACGIH TLV (Inhalable fraction and vapor) |
| Sodium alkyl sulfate              | 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. For sensitive skin or prolonged use, wear rubber gloves.

**Respiratory Protection:** None required.

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

**Engineering Controls:** Use with adequate general ventilation or local exhaust to minimize exposure levels.

**Personal Protection:**

**Eye Protection:** Follow facility requirements.

**Skin Protection:** Wear rubber gloves and protective clothing as required to avoid prolonged skin contact.

**Respiratory Protection:** No respiratory protection normally required. If exposure levels are excessive, wear an 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:** Avoid contact with the eyes, skin and clothing. Wash thoroughly after use.

## 9 – Physical and Chemical Properties

|                            |                         |   |                  |
|----------------------------|-------------------------|---|------------------|
| Appearance:                | Clear, colorless liquid | Flammable Limits:                       | Not applicable   |
| Odor:                      | Fresh lemon odor        | Vapor Pressure:                         | Same as water    |
| Odor Threshold:            | Not established         | Vapor Density:                          | Same as water    |
| pH:                        | Not established         | Relative Density:                       | Not established  |
| Melting/Freezing Point:    | Not established         | Solubilities:                           | Soluble in water |
| Boiling Point/Range:       | 212°F (100°C)           | Partition Coefficient; n-octanol/water: | Not established  |
| Flash Point:               | None                    | Auto ignition Temperature:              | None             |
| Evaporation Rate:          | Same as water           | Decomposition Temperature:              | Not established  |
| Flammability (solid, gas): | Not applicable          | Viscosity:                              | Not established  |
| VOC:                       | Not established         | Pour Point:                             | Not applicable   |

## 10 – Stability and Reactivity

**Reactivity:** Non-reactive

**Chemical Stability:** Stable

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** Avoid freezing and extreme temperatures.

**Incompatible Materials:** Strong oxidizing agents and strong bases.

**Hazardous Decomposition Products:** Thermal decomposition will release oxides of carbon and oxides of sulfur.

## 11 – Toxicological Information

**Symptoms of Overexposure:**

**Inhalation:** No adverse effects expected under normal conditions. Mists may cause irritation, mucous membranes of the throat and nose and upper respiratory tract.

**Skin Contact:** May cause mild skin irritation.

**Eye Contact:** Direct contact may be moderately or severely irritating to eyes. May cause redness, stinging, swelling and tearing.

**Ingestion:** May cause irritation to the mouth and gastrointestinal tract.

**Chronic Effects:** None currently known.

**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:**

Acute Toxicity Estimates: Oral > 5,000 mg/kg; Dermal >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:** Sodium alkyl sulfate: 96 hr LC50 Danio rerio- 7.1 mg/L, 48 hr EC50 Daphnia magna- 7.4 mg/L, 72 hr EC50 Desmodesmus subspicatus- 27.7 mg/L, 28 days NOEC Oncorhynchus mykiss-0.14 mg/L, 21 days NOEC Daphnia magna- 0.27 mg/L

**Persistence and Degradability:** Sodium alkyl sulfate: Readily biodegradable in water.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.  
**Other Adverse Effects:** None Known

### 13 - Disposal Considerations

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

IMDG Shipping Description: Not Regulated  
ICAO Shipping Description: Not Regulated

NOTE: WD-40 Company does not test containers to assure that they meet the pressure differential and other requirements for transport by air. We do not recommend that our products be transported by air.

### 15 – Regulatory Information

**China Regulations on the Control over Safety of Dangerous Chemicals:** All ingredients in this product are listed on IECSC (Inventory of Existing Chemical Substances in China 2010).

**Korea:** Not Available

**Philippines:** Not Available

**Japan:** Not Available

**Taiwan:** Not Available

### 16 – Other Information

**Indication of changes;** version 1.0

**Training instructions:** Not applicable

**Further information:** The information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

**Notice to Reader:** Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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Prepared by: Industrial Health & Safety Consultants, Inc. Shelton, CT, USA