Safety Data Sheet



1 - Chemical Product and Company Identification

Manufacturer: WD-40 Company **Address: 9715 Businesspark Avenue** **San Diego, California, USA** **92131** **Telephone: +1-800-448-9340** **+1-858-251-5600** **Emergency: 1-888-324-7596** **Information: 1-888-324-7596** **Chemical Spills: 1-800-424-9300 (Chemtrec)** **1-703-527-3887 (International Calls)**	**Chemical Name: Mixture** **Trade Name: WD-40 Specialist Bike Cleaner** **Product Use: Bike Cleaner** **SDS Date Of Preparation: August 27, 2020**

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 Acute Dermal Toxicity Category 5 Eye Irritant Category 2
Sodium alkyl sulfate	68891-38-3	<3%	Acute Oral Toxicity Category 5 Eye Damage Category 1 Skin Irritant Category 2 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.
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Revision Date: August 27, 2020 Supersedes: New SDS

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