



Safety Data Sheet

1 - Identification

Product Name: WD-40 BIKE Heavy-Duty Degreaser	Manufacturer: WD-40 BIKE Company
Product Use: Bike Cleaner	Address: 637 Valley Avenue, Suite A/B Solana Beach, California, USA 92075
Restrictions on Use: None identified	Telephone:
SDS Date Of Preparation: 10/17/2014	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:

Eye Irritant Category 2



Warning

Causes serious eye irritation

Prevention

Wash thoroughly after handling.

Wear eye or face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

If eye irritation persists: Get medical advice or attention.

3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	US Hazcom 2012/ GHS Classification
Sodium Tripolyphosphate	7758-29-4	1-5%	Not Hazardous
Surfactants	Proprietary	5-10%	Eye Irritant Category 2A
Water and Non-Hazardous Ingredients	Mixture	Proprietary	Not Hazardous

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 immediately.

Eye Contact: Flush thoroughly with water. Remove contact lenses if present after the first 5 minutes then continue flushing for 5-10 additional minutes. Get medical attention if irritation persists.

Skin Contact: Wash with soap and water. If irritation develops and persists, get medical attention. Accidental injection of this material into or under the skin is a medical emergency. Immediate treatment is required. Even though symptoms may not be present early treatment within the first few hours may significantly reduce the ultimate extent of such injury.

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. Prolonged or repeated skin contact may cause mild irritation and defatting dermatitis.

Indication of Immediate Medical Attention/Special Treatment Needed: Immediate medical attention is not generally required.

5 – Fire Fighting Measures

Suitable (and unsuitable) Extinguishing Media: This product is not flammable or combustible. Use any media that is appropriate for the surrounding 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 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 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.

Empty containers retain product residues and vapors and may be hazardous. Never cut, weld, drill or braze on or near containers, full or empty. Containers may explode causing injury or death.

Conditions for Safe Storage: Store in a cool, well-ventilated area, away from incompatible materials.

8 – Exposure Controls/Personal Protection

Chemical	Occupational Exposure Limits
Sodium Tripolyphosphate	None Established
Surfactants	None Established

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

Appearance:	Clear liquid	Flammable Limits:	Not determined
Odor:	odorless	Vapor Pressure:	Same as water
Odor Threshold:	Not established	Vapor Density:	Same as water
pH:	9.3	Relative Density:	1.026
Melting/Freezing Point	Not determined	Solubilities:	Soluble in water
Boiling Point/Range:	~212°F (100°C)	Partition Coefficient; n-	Not Determined

		octanol/water:	
Flash Point:	None	Autoignition Temperature:	Not Determined
Evaporation Rate:	Not Determined	Decomposition Temperature:	Not Determined
Flammability (solid, gas)	Not applicable	Viscosity:	Not determined
VOC:	0 grams/liter (0%)	Pour Point:	Not determined

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: Thermal decomposition may release oxides of phosphorus, carbon and nitrogen.

11 – Toxicological Information

Symptoms of Overexposure:

Inhalation: Breathing of mists may cause mild irritation to the eyes, mucous membranes of the throat and nose and upper respiratory tract.

Skin Contact: May cause mild skin irritation on prolonged contact.

Eye Contact: Causes eye irritation with pain, tearing, swelling and redness.

Ingestion: May be harmful if swallowed. May cause irritation to the mouth and gastrointestinal tract. May cause abdominal pain, nausea and vomiting.

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:

Sodium Tripolyphosphate: Oral LD50 rat 3900 mg/kg, Dermal LD50 rabbit >4640 mg/kg.

Surfactants: No data is available.

12 – Ecological Information

Ecotoxicity: No specific data for the product is available. Large amounts may be harmful to aquatic organisms

Persistence and Degradability: This product is biodegradable.

Bioaccumulative Potential: Not expected to be bioaccumulative.

Mobility in Soil: No data available

Other Adverse Effects: Product acts as a fertilizer under certain conditions and promotes the growth of algae.

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

15 – Regulatory Information

U.S. Federal Regulations:

CERCLA 103 Reportable Quantity: This product has a CERCLA reportable quantity of 100,000 lbs based on the RQ for sodium tripolyphosphate of 5000 lbs. 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: Acute health

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 contain chemicals regulated under California Proposition 65.

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 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 – 2 (moderate hazard), Fire Hazard – 0 (slight hazard), Physical Hazard – 0 (minimal hazard)

Revision Date: October 17, 2014

Supersedes: May 5, 2013

Revision Summary: Convert to Hazcom 2012. Changes in all sections.

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Regulatory Affairs Dept.