



# Material Safety Data Sheet

## 1 - Chemical Product and Company Identification

<b>Manufacturer:</b> WD-40 Bike Company <b>Address:</b> 637 Valley Avenue, Suite A/B Solana Beach, California, USA 92075  <b>Telephone:</b> <b>Emergency only:</b> 1-888-324-7596 (PROSAR) <b>Information:</b> 1-888-324-7596 <b>Chemical Spills:</b> 1-800-424-9300 (Chemtrec) 1-703-527-3887 (International Calls)	<b>Chemical Name:</b> Mixture  <b>Trade Name:</b> WD-40 Bike Heavy-Duty Degreaser  <b>Product Use:</b> Bike Cleaner  <b>MSDS Date Of Preparation:</b> 8/16/2012
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## 2 – Hazards Identification

<b>Emergency Overview: WARNING!</b> Causes serious eye irritation. May cause skin irritation. May be harmful if swallowed.  <b>Symptoms of Overexposure:</b> <b>Inhalation:</b> Breathing of mists may cause mild irritation to the eyes, mucous membranes of the throat and nose and upper respiratory tract. <b>Skin Contact:</b> May cause mild skin irritation on prolonged contact. <b>Eye Contact:</b> Causes eye irritation with pain, tearing, swelling and redness. <b>Ingestion:</b> May be harmful if swallowed. May cause irritation to the mouth and gastrointestinal tract. May cause abdominal pain, nausea and vomiting. <b>Chronic Effects:</b> None currently known. <b>Medical Conditions Aggravated by Exposure:</b> Pre-existing skin disorders.  <b>Suspected Cancer Agent:</b> Yes    No X
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## 3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent
Sodium Tripolyphosphate	7758-29-4	1-5%
Surfactants	Proprietary	5-10%
Water and Non-Hazardous Ingredients	Mixture	Proprietary

See Section 8 for Exposure Limits

## 4 – First Aid Measures

<b>Ingestion (Swallowed):</b> Rinse out mouth and give sips of water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596. <b>Eye Contact:</b> Flush thoroughly with water for 5 minutes then remove contact lenses if present. Continue flushing eyes for at least 15 minutes. Get medical attention if irritation persists. <b>Skin Contact:</b> Wash with water. If irritation develops and persists, get medical attention. <b>Inhalation (Breathing):</b> If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.
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## 5 – Fire Fighting Measures

<b>Extinguishing Media:</b> This product is not flammable or combustible. Use any media that is appropriate for the surrounding fire. <b>Unusual Fire or Explosion Hazards:</b> Thermal decomposition will release oxides of carbon. Residue may burn after water has evaporated.
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## 6 – Accidental Release Measures

Wear appropriate protective clothing (see Section 8). Avoid contact with the spilled material. Small spills can be neutralized with acetic acid and washed down the drain with plenty of water or 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

**Handling:** Prevent contact with eyes, skin and clothing. Avoid breathing vapors or mists. Use with adequate ventilation. Keep container closed when not in use. Immediately remove any contaminated clothing and laundry before reuse. Wash thoroughly after use. Keep out of the reach of children. Do not use with any other cleaning agents or household chemicals. Dangerous reactions may occur.

**Storage:** Store in a cool, dry area, away from incompatible materials.

## 8 – Exposure Controls/Personal Protection

Chemical	Occupational Exposure Limits
Sodium Tripolyphosphate	None Established
Surfactants	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 with concentrated material.

**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:** Chemical safety goggles recommended.

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

**Respiratory Protection:** If mists are formed in use and irritation is experienced, wear an approved respirator.

Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Work/Hygiene Practices:** Avoid contact with the eyes. Rinse hands thoroughly after use.

## 9 – Physical and Chemical Properties

Boiling Point:	~212°F (100°C)	Specific Gravity:	1.026
Solubility in Water:	Soluble	pH:	9.3
Vapor Pressure:	Same as water	Vapor Density:	Same as water
Percent Volatile:	>85%	VOC:	0%
Coefficient of Water/Oil Distribution:	Not Determined	Appearance/Odor	Clear, colorless liquid/mild odor
Flash Point:	None	Flammable Limits: (Solvent Portion)	LEL: None UEL: None
Pour Point:	Not determined	Kinematic Viscosity:	Not determined

## 10 – Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** None known.

**Incompatibilities:** Strong acids and oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition may release oxides of phosphorus, carbon and nitrogen.

**11 – Toxicological Information**

Sodium Tripolyphosphate: Oral LD50 rat 3900 mg/kg, Dermal LD50 rabbit >4640 mg/kg.  
Surfactants: No data is available.

**12 – Ecological Information**

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

**13 - Disposal Considerations**

Dispose in accordance with local, state and federal regulations.

**14 – Transportation Information**

Not regulated under DOT, IATA or IMDG Code.

**15 – Regulatory Information**

**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.

**VOC Regulations:** This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

**16 – Other Information:**

**HMIS Hazard Rating:**

**Health – 4 (moderate hazard), Fire Hazard – 0 (minimal hazard), Physical Hazard – 0 (minimal hazard)**

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

SIGNATURE:  \_\_\_\_\_

TITLE: Adm. Scientific Mgr.

REVISION DATE: August 2012

SUPERSEDES: New MSDS