



# Safety Data Sheet

## 1 – Product Identifier & Identity for the Chemical

<p><b>Manufacturer:</b> WD-40 Company Australia Pty Ltd</p> <p><b>Address:</b> 41 Rawson Street (Level 2, Suite 23) Epping NSW, 2121, Australia</p> <p><b>Telephone:</b> <b>Information:</b> +61 2 9868 2200 <b>Emergency only:</b> 1800 024 973</p> <p><b>Poisons Information Centre:</b> <b>Australia:</b> 13 11 26 <b>New Zealand:</b> 0800 764 766</p> <p><b>New Zealand Contact Details:</b> <b>Name:</b> Eproducts New Zealand Limited <b>Address:</b> 7D Orbit Drive Albany New Zealand <b>Telephone:</b> <b>Information:</b> 09 916 6750</p>	<p><b>Product Name:</b> WD-40 Bike Heavy-Duty Degreaser</p> <p><b>Chemical Name:</b> Mixture</p> <p><b>Product Use:</b> Bike cleaner</p> <p><b>Restriction on Use:</b> None Identified</p> <p><b>SDS Date Of Preparation:</b> 14 December 2016</p>
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## 2 – Hazards Identification

### Classification of the Hazardous Chemical (in accordance with WHS Regulation)

Health	Environmental	Physical
Eye Irritant Category 2	Not Hazardous	Not Hazardous

### Label Elements



Contains: Surfactant

#### Warning!

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.

**Other Hazards that do not Result in Classification:** None known.

### 3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	Substance Classification
Water and Non-Hazardous Ingredients	Mixture	Proprietary	Not Hazardous
Surfactants	Proprietary	5-10%	Eye Irrit. Cat 2A (H319)
Sodium Tripolyphosphate	7758-29-4	1-5%	Not Hazardous

See Section 16 for full text of GHS Classification and H phrases

### 4 – First Aid Measures

**Ingestion (Swallowed):** Rinse out mouth and give sips of water. Do not induce vomiting unless directed to do so by medical personnel. Call a Poisons Information Center (phone 13 11 26 from anywhere in Australia or 0800 764 766 in New Zealand).

**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 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.

**Most Important Symptoms:** Causes serious eye irritation. May cause skin irritation. May be harmful if swallowed.

**Indication of Immediate Medical Attention and Special Treatment, if Needed:** Immediate medical attention is not generally required.

### 5 – Fire Fighting Measures

**Suitable 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 after the water has evaporated.

**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). Avoid contact with the spilled material.

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

**Methods and Materials for Containment/Cleanup:** 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

**Precautions for Safe Handling:** Avoid 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 launder 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.

**Conditions for Safe Storage, including any incompatibilities:** Store in a cool, dry area, away from incompatible materials.

### 8 – Exposure Controls /Personal Protection

Chemical	Occupational Exposure Limits	Biological Limit Value
Water and Non-Hazardous Ingredients	None Established	None Established
Surfactants	None Established	None Established
Sodium Tripolyphosphate	None Established	None Established

#### 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.

**Skin Protection:** Avoid prolonged skin contact.

**Respiratory Protection:** None required.

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

**Appropriate 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. 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. Rinse hands thoroughly after use.

**Other Protective Equipment:** None required.

### 9 – Physical and Chemical Properties

Appearance and Odor:	Clear liquid with mild odor	Partition Coefficient of n-octanol/water:	Not determined
Odor Threshold:	Not determined	Auto-ignition temperature:	Not determined
pH:	9.3	Decomposition Temperature:	Not determined
Melting/Freezing Point:	Not determined	Viscosity:	Not determined
Boiling Point / Range:	~212°F (100°C)	Specific Heat Value:	Not determined
Flash Point:	None	Particle Size:	Not applicable
Evaporation Rate:	Not determined	VOC:	0 grams/liter (0%)
Flammability (solid, gas):	Not applicable	Percent Volatile:	Nil
Flammable Limits:	None	Saturated Vapor Concentration:	Not determined
Vapor Pressure:	Same as water	Release of invisible flammable vapors and gases:	No
Vapor Density (air = 1):	Same as water	Aerosol Protection Level (NFPA 30B):	Not applicable
Relative Density (Water = 1):	1.026	Solubility:	Soluble in water

### 10 – Stability and Reactivity

**Reactivity:** Non-reactive

**Chemical Stability:** Stable under normal storage conditions.

**Possibility of Hazardous Reactions:** May react with strong oxidizers generating heat.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Strong acids and oxidizing agents.

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

## 11 – Toxicological Information

### Health Hazards:

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

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

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

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

**Chronic Exposure:** None expected.

**Medical Conditions Aggravated by Exposure:** Preexisting eye, skin and respiratory conditions may be aggravated by exposure.

### Acute Toxicity Values:

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

Surfactants: No data is available.

**Skin Corrosion/Irritation:** No data available for mixture. Ingredients are not classified as skin irritants.

**Serious Eye Damage/Irritation:** No data available for mixture. Ingredients are not classified as eye irritants.

**Respiratory or Skin Sensitization:** This product is not expected to cause sensitization.

**Germ Cell Mutagenicity:** None of the components have been found to be mutagenic.

**Carcinogenicity:** None of the components are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, US OSHA or the EU CLP.

**Reproductive Toxicity:** None of the components are known to cause adverse reproductive effects.

### Specific Target Organ Toxicity:

**Single Exposure:** No data available.

**Repeated Exposure:** No data available.

**Aspiration Hazard:** No data available. Based on the ingredients, this product is not expected to present an aspiration hazard.

## 12 – Ecological Information

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

**Persistence and Degradability:** The surfactants in this product are biodegradable.

**Bioaccumulative Potential:** Not expected to be bioaccumulative.

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

**Other Adverse Effects:** Product contains an inorganic phosphate which can act as a fertilizer under certain conditions and promotes the growth of algae.

## 13 - Disposal Considerations

**Safe Handling and Disposal Method:** Dispose as appropriate for soap waste.

**Disposal of Contaminated Packaging:** Empty containers may be disposed of through normal waste management options.

**Environmental Regulations:** Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

## 14 – Transportation Information

**IMDG Shipping Name:** Not Regulated

**IMDG Hazard Class:** None

**UN Number:** None

**IATA Shipping Name:** Not Regulated

**IATA Hazard Class:** None

**UN Number:** None

**ADG Shipping Name:** Not Regulated

**ADG Hazard Class:** None

**UN Number:** None

**Hazchem (Emergency Action) Code:** None

**Special Precautions for User:** WD-40 Company 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

**Montreal Protocol (Ozone Depleting Substances):** None present

**The Stockholm Convention (Persistent Organic Pollutants):** None present

**The Rotterdam Convention (Prior Informed Consent):** Not applicable

**Basel Convention:** Not applicable

**International Convention for the Prevention of Pollution from Ships (MARPOL):** None present

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):** None present

**Australian Inventory of Chemical Substances:** All of the components of this product are listed on the AICS inventory.

**New Zealand:**

**HSNO Approval Number:** N/A

*Not considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not Classified as Dangerous Good for transport purposes.*

HSNO Hazard Classes: N/A

**New Zealand Inventory:** All the ingredients comply with the HSNO regulations.

### 16 – Other Information

REVISION DATE: 14 December 2016

SUPERSEDES: 4 December 2014

Prepared By: Industrial Health & Safety Consultants, Inc.

Full Text of GHS Classification and H Phrases from Section 3:

Eye Irrit. Cat 2A Eye Irritant Category 2A

H319 Causes serious eye irritation.

List of Abbreviations or Acronyms:

ACGIH American Conference of Industrial Hygienists

ADG Australian Dangerous Goods

AICS Australian Inventory of Chemical Substances

AU Australia

EC Effective Concentration

EU European Union

GHS Globally Harmonized System of Classification and Labelling of Chemicals

HSNO Hazardous Substances and New Organisms

IARC International Agency of Research on Cancer

IATA International Air Transport Association  
IMDG International Maritime Dangerous Goods  
LC Lethal Concentration  
LD Lethal Dosage  
LEL Lower Explosive Limit  
NTP National Toxicology Program  
NZ New Zealand  
OEL Occupational Exposure Limits  
PEL Permissible Exposure Limit  
SDS Safety Data Sheet  
STEL Short Term Exposure Limit  
TWA Time-Weighted Average  
UEL Upper Explosive Limit  
US OSHA United States Occupational Safety and Health Administration  
VOC Volatile Organic Compounds  
WHS Work Health and Safety

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

TITLE: \_\_\_\_\_

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This SDS complies with Australian guidelines for SDS. The foregoing information has been compiled from sources believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that data is correct. Standards change without notice. It is the responsibility of the recipient to insure that their personnel have been notified of any changes which may affect them. The data provided on this SDS are not meant to be used as specifications, only as guideline information as to the safe use of this product. User should refer to applicable laws before use.

2075200/No.