



**SPECIALIST**



# Safety Data Sheet



## 1 - Identification

|   |   |
|---|---|
| <b>Trade Name:</b> WD-40 Specialist Industrial-Strength Cleaner & Degreaser | <b>Canadian Office:</b><br>WD-40 Products [Canada] Ltd.<br>P.O. Box 220<br>Toronto, Ontario M9C 4V3                                 |
| <b>Product Use:</b> Degreaser   | <b>Information Phone #:</b> (416) 622-9881  |
| <b>Restrictions on Use:</b> None identified                                 | <b>Emergency Phone # 24 hr:</b> Canutec: (613) 996-6666 -   |
| <b>SDS Date Of Preparation:</b> November 8, 2016                            | Designated for use only in the event of chemical emergencies involving a spill, leak, fire exposure or accident involving chemicals |

## 2 – Hazards Identification

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| <b>WHMIS 2015/GHS Classification:</b><br>Not Hazardous  |
| Note: This product is a consumer product and is labeled in accordance with the Consumer Chemicals and Containers Regulations (CCCR) which take precedence over WHMIS 2015 labeling. |
| <b>Label Elements:</b><br>Not Required  |

## 3 - Composition/Information on Ingredients

| Ingredient                          | CAS #   | Weight Percent | WHMIS 2015/ GHS Classification |
|-------------------------------------|---------|----------------|--------------------------------|
| Water and Non-Hazardous Ingredients | Mixture | 100%           | Not Hazardous                  |

## 4 – First Aid Measures

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| <p><b>Ingestion (Swallowed):</b> Not toxic. Rinse out mouth and give sips of water. Do not induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596.</p> <p><b>Eye Contact:</b> Flush thoroughly with water for 5 minutes then remove contact lenses if present. Continue flushing eyes for several minutes. Get medical attention if irritation persists.</p> <p><b>Skin Contact:</b> No first aid should be required. If irritation develops, rinse thoroughly with water. If irritation persists, get medical attention.</p> <p><b>Inhalation (Breathing):</b> Not toxic. If irritation develops, discontinue use and move to fresh air. Get medical attention if irritation persists.</p> <p><b>Signs and Symptoms of Exposure:</b> May cause mild eye irritation. May cause skin mild irritation and dryness on prolonged contact.</p> <p><b>Indication of Immediate Medical Attention/Special Treatment Needed:</b> Immediate medical attention is not required.</p> |
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## 5 – Fire Fighting Measures

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| <p><b>Suitable (and unsuitable) Extinguishing Media:</b> This product is not flammable or combustible. Use any media that is appropriate for the surrounding fire.</p> <p><b>Specific Hazards Arising from the Chemical:</b> Thermal decomposition will release oxides of carbon and nitrogen.</p> <p><b>Special Protective Equipment and Precautions for Fire-Fighters:</b> No special precautions needed.</p> |
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## 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear suitable protective clothing if large amounts are involved.

**Methods and Materials for Containment/Cleanup:** Wipe or soak up contents in an inert material. Pick up spill for recovery or disposal and place in a closed container.

## 7 – Handling and Storage

**Precautions for Safe Handling:** This product is not toxic and is not expected to cause irritation when used as directed. Avoid eye contact. Avoid prolonged contact with skin. Avoid breathing mists. Use with adequate ventilation. Keep container closed when not in use. Keep out of the reach of children.

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

## 8 – Exposure Controls/Personal Protection

| Chemical                            | Occupational Exposure limits |
|-------------------------------------|------------------------------|
| Water and Non-Hazardous Ingredients | 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. No special protection is required for normal use.

**Skin Protection:** No special protection is required for normal use. For sensitive skin or prolonged use, wear rubber gloves.

**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:** Safety glasses or goggles recommended if splashing or exposure to spray mists is possible.

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

**Respiratory Protection:** None normally required. If exposure levels are excessive 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. Wash hands thoroughly after use.

## 9 – Physical and Chemical Properties

|                            |                         |   |                 |
|----------------------------|-------------------------|---|-----------------|
| Appearance:                | Clear, colorless liquid | Flammable Limits: (Solvent Portion)     | None            |
| Odor:                      | Pleasant                | Vapor Pressure:                         | Same as water   |
| Odor Threshold:            | Not established         | Vapor Density:                          | Same as water   |
| pH:                        | 10.5 - <11.5            | Relative Density:                       | ~1.0            |
| Melting/Freezing Point:    | Not established         | Solubilities:                           | 100% in water   |
| Boiling Point/Range:       | Not determined          | Partition Coefficient; n-octanol/water: | Not established |
| Flash Point:               | None                    | Autoignition Temperature:               | None            |
| Evaporation Rate:          | Not established         | Decomposition Temperature:              | None            |
| Flammability (solid, gas): | Not applicable          | Viscosity:                              | Not determined  |
| VOC:                       | Not established         | Pour Point:                             | Not applicable  |

## 10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions

**Chemical Stability:** Stable

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

**Conditions to Avoid:** None known.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition may yield oxides of carbon and nitrogen.

## 11 – Toxicological Information

### Symptoms of Overexposure:

**Inhalation:** No adverse effects expected from normal use. Breathing of high concentrations of spray mists may cause minor irritation to the eyes, mucous membranes of the throat and nose and upper respiratory tract.

**Skin Contact:** May cause mild irritation or dryness of skin on prolonged contact. No significant irritation is expected.

**Eye Contact:** May cause mild irritation.

**Ingestion:** Not orally toxic. May cause upset stomach, nausea and diarrhea if large amount is swallowed.

**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:

No animal testing was conducted on this product. The following data is based on assessment of the ingredients.

Product: Oral LD50 >5000 mg/kg; Dermal LD50 >2000 mg/kg – Classification: Non-Toxic

This product was found to be non-irritating to skin and only minimally irritating to the eyes in *in-vitro* studies.

## 12 – Ecological Information

**Ecotoxicity:** No specific aquatic toxicity data is currently available; however components of this product are not expected to be harmful to aquatic organisms.

**Persistence and Degradability:** This product was readily biodegradable according to OECD 301B.

**Bioaccumulative Potential:** Bioaccumulation is not expected based on an assessment of the ingredients.

**Mobility in Soil:** No data available

**Other Adverse Effects:** None known

## 13 - Disposal Considerations

Dispose in accordance with local, state and federal regulations.

## 14 – Transportation Information

DOT Classification: Not Regulated

Canadian TDG Classification: Not Regulated

IMDG Shipping Description: Not Regulated

ICAO Shipping Description: Not Regulated

NOTE: 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

**National Pollutant Release Inventory (NPRI):** This product contains the following chemicals that are listed on the NPRI Substance List: None

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification.

**16 – Other Information**

**HMIS Hazard Rating:**

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

Revision Date: November 8, 2016

Supersedes: New SDS

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Regulatory Affairs Department

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