

# SAFETY DATA SHEET

Premo

## SECTION 01: IDENTIFICATION

**Product identifier** Ultra Oxy Detergent  
**Other means of identification**  
**Recommended use** Laundry Powder  
**Recommended restrictions** None known.  
**Manufacturer**  
**Company name** EXTOX Industries Inc. **Supplier's Name**  
**Address** 6419 Netherhart Rd., **Supplier's Address**  
Mississauga, ON L5T 1C3  
**Emergency Tel:** 1-800-501-8601

## SECTION 02: HAZARD(S) IDENTIFICATION

**Hazard Classification** Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2  
Specific target organ toxicity - single exposure Category 3  
Acute Toxicity (Oral) Category 4

### Label elements



**Signal Word** Warning

**Hazard Statement** Causes Skin Irritation.  
Causes Serious Eye Irritation.  
May Cause Respiratory Irritation.  
Harmful If Swallowed.

**Precautionary Statement** Do Not Breathe Dust Or Mist.  
Wash Hands Thoroughly After Handling.  
If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing.  
If On Skin (or Hair): Take Off Immediately All Contaminated Clothing. Rinse Skin With Water/shower. If In Eyes: Rinse Cautiously With Water For Several Minutes. Remove Contact Lenses If Present And Easy To Do - Continue Rinsing. If Swallowed: Rinse Mouth. Do Not Induce Vomiting.  
Immediately Call A Poison Center Or Doctor/physician. Store In A Closed Container. Store Locked Up. Keep Out Of Reach Of Children.

## SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                  | CAS Number | Concentration % |
|--------------------------------|------------|-----------------|
| Sodium Carbonate               | 497-19-8   | 45-70           |
| Sodium Metasilicate            | 6834-92-0  | 7-13            |
| Ethoxylated Alcohol            | 9002-92-0  | 1-5             |
| Dodecylbenzenesulfonic Acid    | 27176-87-0 | 3-7             |
| Sodium Carbonate Peroxyhydrate | 15630-89-4 | 10-30           |

## SECTION 04: FIRST-AID MEASURES

**Inhalation** Remove to fresh air.

**Skin contact** Wash off immediately with plenty of water. Wash clothing before reuse.

**Eye** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion** Rinse mouth with water. Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
Get medical attention immediately.

**Most important symptoms/effects, acute and delayed** See Section 11 for more detailed information on health effects and symptoms.

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## SECTION 05: FIRE-FIGHTING MEASURES

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Unsuitable extinguishing media</b>                                | None known.   |
| <b>Specific hazards arising from the chemical</b>                    | Not flammable or combustible.   |
| <b>Special protective equipment and precautions for firefighters</b> | Evacuate hazard area. Wear full protective equipment including a self-contained breathing apparatus.    |

## SECTION 06: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.  
Keep people away from and upwind of spill/leak.  
Avoid inhalation, ingestion and contact with skin and eyes.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Ensure clean-up is conducted by trained personnel only.  
Refer to protective measures listed in sections 7 and 8.

### Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal.

## SECTION 07: HANDLING AND STORAGE

|                                      |   |
|--------------------------------------|---|
| <b>Precautions for safe handling</b> | Do not ingest. Do not get in eyes, on skin, or on clothing.<br>Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.<br>Use only with adequate ventilation.<br>Wash hands thoroughly after handling. |
| <b>Conditions for safe storage</b>   | Keep out of reach of children. Store in suitable labeled containers.  |

## SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

|   |   |
|---|---|
| <b>Occupational exposure limits</b>     | Overall Product: None established.<br><br>Sodium Metasilicate<br>TWA: 2mg/m3<br><br>Sodium Carbonate<br>TWA: 10mg/m3 (8 hour) |
| <b>Appropriate Engineering Controls</b> | Effective exhaust ventilation system.   |
| <b>Personal Protective Equipment</b>    | Personal protective equipment comprising:<br>suitable protective gloves,  |

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safety goggles and protective clothing

|             |                                       |
|-------------|---------------------------------------|
| Gloves      | Vinyl                                 |
| Respiratory | Wear approved dusk mask.              |
| Eye         | Wear eye protection/ face protection. |
| Clothing    | Wear protective clothing.             |

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

|   |                          |
|---|--------------------------|
| Odour                                   | Pleasant Odour           |
| Physical State                          | White Crystalline powder |
| Color                                   | White                    |
| Odour Threshold                         | No data available.       |
| pH                                      | 10.5-11.5 (1% Sol.)      |
| Freezing Point (°C)                     | No data available.       |
| Initial Boiling Point (°C)              | >100°C                   |
| Flashpoint (°C)                         | N/AP                     |
| Evaporation Rate                        | No data available.       |
| Flammability                            | No data available.       |
| Lower Explosive Limit                   | No data available.       |
| Upper Explosive Limit                   | No data available.       |
| Lower Flammability Limit                | No data available.       |
| Upper Flammability Limit                | No data available.       |
| Vapour Pressure (mm)                    | No data available.       |
| Vapour Density (Air = 1)                | No data available.       |
| Relative Density                        | No data available.       |
| Solubility                              | Soluble                  |
| Partition coefficient (n-octanol/water) | No data available.       |

## SECTION 10: STABILITY AND REACTIVITY

|                           |   |
|---------------------------|---|
| Auto Ignition Temp. (°C)  | No data available.  |
| Decomposition Temperature | No data available.  |
| Viscosity                 | No data available.  |
| Reactivity                | No dangerous reaction known under conditions of normal use. |
| Chemical Stability        | Stable under normal conditions.                             |

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**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Contact with concentrated mineral acids.

**Incompatible Materials** Concentrated acids

**Hazardous Decomposition Products** May liberate carbon monoxide, carbon dioxide or oxides of sodium.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**  Skin Contact  Eye Contact  Ingestion  
 Skin Absorption  Inhalation

**Toxicological Information** Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

**EYES:** Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

**SKIN:** Brief contact may cause mild irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.

**INHALATION:** Irritant of the nose and throat, causing coughing, difficulty breathing, and pulmonary edema.

**INGESTION:** Gastrointestinal irritation, pain, nausea, and diarrhea.

**Chronic Exposure :** Health injuries are not known or expected under normal use.

## Numerical Measures Of Toxicity

| Hazardous Ingredients       | LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route  |
|-----------------------------|---|
| Sodium Carbonate            | Oral LD <sub>50</sub> 2800 mg/kg Rat<br>Dermal LD <sub>50</sub> >2000 mg/kg Rabbit<br>Inhalation LC <sub>50</sub> 2.30 mg/l 2 h Rat |
| Dodecylbenzenesulfonic acid | LD <sub>50</sub> (ORAL RAT) 1260 mg/kg<br>LD <sub>50</sub> (DERMAL RABBIT) 631 - 1000 mg/kg   |
| Ethoxylated Alcohol         | LD <sub>50</sub> (ORAL RAT) 9060 mg/kg  |

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity** No data available.

**Persistence and degradability** No data available.

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Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods In accordance with municipal, provincial and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

UN number Not regulated under TDG.

TDG Classification N/AP

Packing group N/AP

Special Shipping Instructions N/AP

## SECTION 15: REGULATORY INFORMATION

Regulatory Information This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

## SECTION 16: OTHER INFORMATION

N/AP = Not Applicable

N/AV = Not Available

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

GHS: Globally Harmonized System

HPR : Hazardous Products Regulations

IARC: International Agency for Research on Cancer

NIOSH: The National Institute for Occupational Safety and Health

NTP : National Toxicology Program

OSHA : United States Department of Labor - Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TWA: Time-Weighted-Average

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