



# MATERIAL SAFETY DATA SHEET

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## SECTION 1 - COMPANY INFORMATION

### Oxygen Boost

Product usage: Removal of stains on white or dye stable carpets, fabrics, hard surfaces.

Product type: Inorganic Oxidizing agent

WHMIS Class: C, D2B

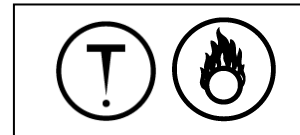
TDG Class: OXIDIZING SOLID N. O. S. (SODIUM PERCARBONATES) UN 1479 CLASS 5.1 PG III

#### Supplier name and address:

Corporate Chemicals & Equipment  
7 Neilson Street  
St. Catharines, ON L2M 5V9  
(905) 682-8888

#### Manufacturer's name and address

Refer to Supplier



Emergency Telephone# CANUTEC (613) 996-6666

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	%	CAS#	TOXICITY
Sodium carbonate peroxyhydrate	60-100	15630-89-4	ORAL (LD50); Acute: 1900 to 3000 mg/kg [Rat]

## SECTION 3 - HAZARDS IDENTIFICATION

**Inhalation:** Irritating to the nose, throat and respiratory tract. In general, long-term exposure to high concentrations of dust may cause increased mucous flow in the nose and respiratory system airways. This condition usually disappears after exposure stops.

**Ingestion:** Causes irritation, a burning sensation of the mouth and throat and abdominal pain.

## SECTION 4 - FIRST AID MEASURES

- Skin:** Remove contaminated clothing immediately. Wash exposed areas with copious amounts of running water. Call a physician if necessary.
- Eyes:** Flush with water running water for 20 minutes lifting the upper and lower eyelids occasionally. Remove contact lenses. Get medical attention.
- Ingestion:** Do not induce vomiting. If victim is alert and not convulsing, give 1-2 glasses of water to dilute material. Immediately contact local poison control centre. Vomiting should be induced under the direction of a physician or a poison control centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Immediately transport victim to an emergency facility.
- Inhalation:** Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no is no breathing and no pulse. Oxygen may be administered if breathing is difficult. Obtain medical attention immediately.

**Notes to physician:** If swallowed, large amounts of oxygen and carbon dioxide may be released quickly. The distension of the stomach or oesophagus may be injurious. Insertion of a gastric tube may be advisable.

## SECTION 5 - FIRE FIGHTING MEASURES

- Flash point:** Will not burn, but decomposition, which may be caused by heat, will release oxygen.
- Flammability:** Not flammable.
- Combustion products:** Oxygen and carbon oxides (CO, CO<sub>2</sub>) are released on heating.
- To Extinguish:** Use flooding quantities of water. Use water spray or fog. DO NOT USE: Dry chemicals, CO<sub>2</sub> or Halon.
- Special Remarks:** Do not allow water to enter container because of violent reaction. Keep container tightly closed.  
Powerful oxidizing agent; may ignite oxidizable materials. Dangerous in contact with organic materials.



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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures:** Wear appropriate protective equipment.

**Environmental Precautionary Measures:** Prevent entry into sewers or streams, dike if needed. Consult local authorities.

**Procedure for Clean Up:** This product is a strong oxidizer. Ventilate area. Do not use combustible materials such as sawdust as an absorbent. Pick up solids and put in an appropriate sealed container for later disposal. Avoid dry sweeping. Do not use compressed air to clean surfaces. Vacuuming or wet sweeping is preferred. Any recovered product can be used for the usual purpose, depending on the extent and kind of contamination. Collect product for recovery or disposal.

## SECTION 7 - HANDLING AND STORAGE

Keep locked up. Keep away from heat. Keep away from sources of ignition. Keep away from combustible materials. Keep away from incompatibles such as reducing agents, combustible materials, organic materials, metals, acids, moisture.

As with all chemicals there are known and unknown effects on humans.

Minimize exposure of all chemicals, including this product, to skin, respiratory system, and eyes.

Keep out of reach of children. Avoid contamination of food.

Wash thoroughly after handling. Store in cool dry well ventilated area. Do not freeze.

## SECTION 8 - EXPOSURE CONTROLS & PROTECTIVE EQUIPMENT

<b>Ventilation:</b>	Normal building ventilation is adequate.
<b>Breathing Protection:</b>	Suitable breathing mask or respirator if mists or vapours are present.
<b>Skin Protection:</b>	Rubber gloves, rubber boots, or barrier cream if contact is expected.
<b>Eye Protection:</b>	Safety glasses with side shields when there is potential for eye contact

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Solid (white granular powder) Bulk	<b>Density (g/ml):</b>	1.05 - 1.20
<b>pH as is:</b>	not applicable	<b>Freezing point:</b>	not applicable
<b>pH 1% Solution:</b>	10-11	<b>Boiling Point:</b>	not applicable
<b>Solubility (g/l @ 24 Deg. C.):</b>	140	<b>Evaporation Rate:</b>	not applicable
<b>Odour:</b>	None	<b>Viscosity:</b>	not applicable

## SECTION 10 - REACTIVITY & STABILITY DATA

<b>Stability:</b>	Product is stable.
<b>Incompatibility:</b>	Highly reactive with WATER, reducing agents, combustible materials, organic materials, acids. Reactive with organic materials, metals, alkalis, dust, dirt, moisture. Do not mix with chlorine bleach.
<b>Corrosivity:</b>	Corrosive in presence of aluminum, of zinc, of copper. Slightly corrosive in presence of steel. Hazardous Decomposition
<b>Products:</b>	Can include oxygen, which will promote the combustion of flammable material.
<b>Special Remarks:</b>	Dangerous in contact with organic materials. Can decompose rapidly and can liberate a lot of heat. (Exothermic)

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Effects of Acute Exposure to:

<b>Skin:</b>	Slightly hazardous in case of skin contact (irritant, sensitizer). Prolonged exposure may result in skin burns and ulcerations.
<b>Eyes:</b>	Very hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.
<b>Ingestion:</b>	Slightly hazardous in case of ingestion.
<b>Inhalation:</b>	Slightly hazardous in case of ingestion. Overexposure by inhalation may cause respiratory irritation.

### Effects of Chronic Exposure...

<b>Carcinogenic Effects:</b>	Not available.
<b>Mutagenic Effects:</b>	Not available.
<b>Teratogenic Effects:</b>	Not available.
<b>Developmental Toxicity:</b>	Not available. Repeated or prolonged exposure is not known to aggravate medical condition



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## SECTION 12 - ECOLOGICAL INFORMATION

Ingredients	Ecotoxicity - Fish Species Data	Acute Crustaceans	Toxicity: Ecotoxicity - Freshwater Algae Data
Sodium Carbonate Peroxyhydrate	LC50 (Pimephales promelas) 70.7 mg/L	Not Available.	EC50 (Chlorella emersonii) 70 mg/L
Sodium Carbonate LC50 (Lepomis macrochirus)	300mg/L	Not Available.	EC50 (Nitzschia) 242 mg/L LC50 (Daphnia Magna) 565 mg/L (96hr)
Disodium Metasilicate	LC50 (Brachydanio rerio) 210 mg/L	Not Available.	Not Available.

### Other Information:

Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or public waterways. Block off drains and ditches. Spill areas must be cleaned and restored to original condition or to the satisfaction of authorities. May be harmful to aquatic life.

## SECTION 13 - WASTE DISPOSAL

**Disposal method:** Oxidizing material. Avoid contact with a combustible material (wood, paper, oil, clothing...). Sweep up or flush with water to sewer if no incompatibles are present. May be neutralized if necessary with a dilute solution of acetic acid (vinegar). For large quantities, check with local, or provincial authorities.

## SECTION 14 - TRANSPORTATION INFORMATION

### TDG (Canada):

**TDG Proper Shipping Name:** SODIUM CARBONATE PEROXYHYDRATE

**Hazard Class:** 5.1

**UN Number:** UN3378

**Packing Group:** II

**Note:** No additional remark.

**Marine Pollutant:** No.

## SECTION 15 - REGULATORY INFORMATION

**MSDS Prepared by:** Technical Dept.

**Telephone:** (905) 682-8888

## SECTION 16 - OTHER INFORMATION

References: Suppliers Material Safety Data Sheets.

**Preparation Date:** July 1/2011

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)