



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - COMPANY INFORMATION

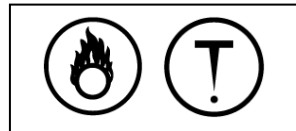
### Brown Out

**Product usage:** Removal of "browning" on white or dye stable carpets.  
**Chemical Family:** Peroxygen salt  
**WHMIS Class:** C D2B E  
**TDG Class:** UN 1759 Class 8 PG III (Not Regulated when Limited Quantity 5 kg or less Domestic)  
**Poison Control Centre:** In Ontario 1-800-268-9017 In Toronto: 416-813-5900

TDG Class: Not Controlled

**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#	%	ACGIH-TLV	LC50	LD50
Potassium Hydrogen Peroxymonosulphate	70693-62-8	60 – 100		>5 mg/L/4H (rat)	>2000 mg/kg (oral- rat)
Potassium bisulfate	7646-93-7	< 10	Not Available		>500 mg/kg oral, rats

## SECTION 3 - HAZARDS IDENTIFICATION

## SECTION 4 - FIRST AID MEASURES

**Skin:** Remove contaminated clothing immediately. Wash exposed areas with 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. Call a physician immediately.

**Ingestion:** Give water, do not induce vomiting. Call a physician. Give large quantity of water. Never give anything by mouth if the victim is unconscious.

**Inhalation:** Move victim to fresh air. If breathing has stopped, clear airway and give artificial respiration only. Give cardiopulmonary resuscitation (CPR) if there is no is no breathing and no pulse. Obtain medical advice immediately.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flammability:** Not flammable  
**Means of Extinction:** Water  
**Special Procedures:** None  
**Flash point:** None, but releases oxygen on heating.  
**Upper flammable limit:** Not applicable  
**Lower flammable limit:** Not applicable  
**Auto-ignition temperature:** Not applicable  
**Hazardous combustion products:** Releases oxygen  
**Explosion Date – Sensitivity to Mechanical impact and static Discharge:** Not applicable

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

## SECTION 7 - HANDLING AND STORAGE



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## SECTION 8 - EXPOSURE CONTROLS & PROTECTIVE EQUIPMENT

<b>Breathing Protection:</b>	Provide adequate ventilation. Avoid breathing dust.
<b>Skin Protection:</b>	Rubber gloves, no special footwear nor clothing is required.
<b>Eye Protection:</b>	Safety glasses with side shields when there is potential for eye contact.
<b>Engineering Controls:</b>	Normal building ventilation is adequate considering amount of product used.
<b>Leak and Spill Procedure:</b>	Refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
<b>Waste Disposal:</b>	Review federal, provincial, and local government requirements prior to disposal.
<b>Storage Requirements:</b>	Keep out of reach of children. Store in a closed container away from incompatibles. Store in a cool dry area.
<b>Shipping Information:</b>	none available

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid	<b>Evaporation Rate:</b>	Non-volatile
<b>Odour and Appearance:</b>	No Odour, white powder	<b>Boiling Point:</b>	Decomposes
<b>Odour Threshold:</b>	Not available	<b>Freezing point:</b>	not applicable
<b>Specific Gravity:</b>	1.2	<b>pH as supplied:</b>	not applicable
<b>Vapour Pressure:</b>	Non-volatile	<b>pH use dilution:</b>	3 - 6
<b>Vapour Density:</b>	Non-volatile	<b>Water/Oil Dist. Coeff.:</b>	not applicable

## SECTION 10 - REACTIVITY & STABILITY DATA

<b>Chemical Stability:</b>	Yes, stable
<b>Conditions of Reactivity:</b>	Heat, reducing agents, and strong alkaline material.

### Compatibility with other substances:

The mixture of this product with compounds containing halides or active halogens can cause release of the respective halogen if moisture is present. For example, mixture with sodium dichloroisocyanurate or with sodium chloride can cause release of chlorine gas; mixture with cyanides can cause release of hydrogen cyanide gas; and heavy metal salts such as those of cobalt, nickel, copper, or manganese can cause the evolution of oxygen.

**Incompatibility:** Heat, strong concentrated acids and alkalis, oxidizing and reducing agents.

**Hazardous Decomposition Products:** Oxygen gas

**Hazardous polymerization:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Route of Entry:** Skin contact, eye contact, inhalation, and ingestion.

### Effects of Acute Exposure

<b>Skin:</b>	Irritation Eyes: Causes irritation with discomfort and blurring of vision.
<b>Ingestion</b>	May cause inflammation and damage to the lining of the stomach, resulting in bleeding.
<b>Inhalation:</b>	May cause irritation of upper respiratory passages.

**Effects of Chronic Exposure:** Individuals with pre-existing diseases of the skin or gastrointestinal tract may have increased susceptibility to the toxicity of excessive exposures.

<b>Exposure Limits (TWA):</b>	1 mg/m <sup>3</sup> Irritancy of Product: see acute exposure
<b>Sensitization:</b>	Non-sensitizer. Teratogenicity: Not available
<b>Carcinogenicity:</b>	None Mutagenicity: Not available
<b>Reproductive Toxicity:</b>	Not available
<b>Toxicologically Synergistic Products:</b>	Not Available



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## SECTION 12 - ECOLOGICAL INFORMATION

### ECOLOGICAL INFORMATION

#### Aquatic Toxicity

96 hour LC50 - Rainbow trout: 53 mg/L  
48 hour EC50 - Daphnia magna: 3.5 mg/L

### DISPOSAL CONSIDERATIONS

#### Waste Disposal

Comply with Federal, State, and local regulations. Solutions greater than 3% by weight have a pH < 2.0, and may be a RCRA hazardous waste upon disposal due to the acidic pH characteristic of the solution. If approved, flush to sewer or waste

## SECTION 13 - WASTE DISPOSAL

Comply with Federal, Provincial, and local regulations. Solutions greater than 3% by weight have a pH < 2.0, and may be a RCRA hazardous waste upon disposal due to the acidic pH characteristic of the solution. If approved, flush to sewer or waste treatment plant. Large quantities should be neutralized with soda ash.

## SECTION 14 - TRANSPORTATION INFORMATION

#### Shipping Information

Proper Shipping Name CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.  
(MONOPERSULFATE COMPOUND)  
Hazard Class 8  
UN No. 3260  
DOT/IMO Label CORROSIVE  
Packing Group II

## 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)