



Max Oxy

Powdered Oxygen Bleach

DESCRIPTION

Max Oxy is a granular powder, readily soluble in hot water and works by producing Hydrogen Peroxide to oxidize organic matter. **Max Oxy** is effective in removing stains from colored fabrics that chlorine bleach cannot be used on. Safe for the environment, there are no harmful waste products from using **Max Oxy**!

As well as preventing fabric discoloration from iron deposits, **Max Oxy** can be used on polyester fabrics or any materials adversely affected by chlorine bleach. **Max Oxy** is also effective for destaining plastic dinnerware.

DIRECTIONS

Max Oxy's optimal bleaching conditions are:

pH (wash)	9.0 to 10.5
Time	10 to 12 minutes
Temperature	65 to 80°C (150 to 175°F)
Concentration	150 grams (5.3 oz) per 45 kg load

For destaining plastic dinnerware:

Use 150 grams per 5 litres water (4 oz/gallon) (1:32).

Protect skin from dust.

PHYSICAL DATA

Appearance	Powder
Color	White
Foam	None
Odor	None
pH (3.1%)	10.0 - 11.0

New tech products engineered to work harder...so you don't have to!

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **MAX OXY**

WHMIS CODE: D2B

Product Use: *Laundry oxygen bleach.*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

HMIS

2	Health
0	Flammability
1	Reactivity
B	Personal

A=Goggles, B=Goggles & Gloves
C=Goggles, Gloves and Apron

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EMERGENCY PHONE

Canada: Canutec 613-996-6666

U.S.A.: Chemtrec 800-424-9300

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>RANGE %</u>	<u>PEL</u>	<u>TLV</u>
SODIUM PERBORATE	10486-00-7	15.0-40.0	5 PPM	No Data
LD50 (oral rat)	2243 mg/kg			
LD50 (dermal)	No Data			
LC50	No Data			

SECTION 3 – PHYSICAL DATA

Color and Odor: White powder, odorless. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/A **pH:** 10.2 @ 3.1% solution.
Physical State: Powder. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** Powder
Coeff. Water/Oil Dist: N/A **Evaporation Rate:** N/D **Solubility in Water:** >10g/100ml. **Odor Threshold:** No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None. **Sensitivity to Mechanical Impact:** None. **Conditions of Flammability:** None.
Flammable Limits: None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.
Extinguishing Media: Not flammable. Use extinguishing medias suitable for surrounding areas.
Unusual Fire and Explosion Hazards: Product liberates oxygen, which may assist combustion of other items.
Hazardous Combustion Products: Oxygen, which supports combustion.
Special Fire Fighting: Use water spray to control fire and cool containers. Product is an oxidizer which can cause or assist ignition of combustible or oxidizable materials. Product decomposes with liberation of oxygen.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions, but can generate pressure within a closed container when exposed to heat and contamination.
Hazardous Polymerization: Will not occur.
Incompatibility (material to avoid): Avoid contact with most organic or oxidizable materials. Avoid contact with most metals and their salts, dirt, cyanides, wood, oil, etc.
Conditions to Avoid: High temperature, spark, open flame or contamination.
Hazardous Decomposition Products: Decomposes to release oxygen.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin and eye contact and ingestion.
Carcinogenicity: None known. **Teratogenicity:** None known.
Sensitization: None known. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known. **Reproductive Toxicity:** None known.
Irritancy of Product: May cause eye or skin irritation and this product is considered an irritant under WHMIS.
Effects of Chronic Exposure: Prolonged and repeated exposure to product dust may cause skin irritation.
Effects of Acute Exposure to Product: Exposure to product dust may cause eye or skin irritation and upper respiratory tract irritation.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Normally not required. Use a NIOSH/MSHA approved dust/mist respirator if product is misted/sprayed in confined areas.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Natural rubber, or plastic gloves.
Eye Protection: Full face-shield and chemical safety goggles when there is potential for contact.
Protective Clothing and Equipment: Long sleeve clothing. Eyes wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin, and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles and direct sunlight. Vent caps may be required to prevent a build-up of pressure that could cause containers to burst. Do not mix with any other chemicals. Store below 29 °C. Keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment including respirator. Sweep material and scoop into an approved clean dry waste container. Rinse residue away with water.
Waste Disposal Method: Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
Special Shipping Information: Store at temperature below 29 °C. Keep from freezing.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

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LAST UPDATE: 07/04/11

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE