

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: ULTRA OXY

Chem. Name: N/A

Chem. Family: Mixture

Manufacturer: ESTEAM

Trade Name: Oxygen Bleach

Use: Oxygen bleach additive

Flammability: 0

Reactivity: 0 **Special:** OX

Health: 2

Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Sodium Percarbonate	15630-89-4	70-90	LD50 1034 mg/kg (oral-rat)	N/D
Sodium Perborate Tetrahydrate	10486007	10-30	LD50 2243 mg/kg (oral-rat)	N/D

PHYSICAL DATA

Physical State: Solid

Odor/ Appearance: White powder, no odor

Boiling Point (C): N/A

Freezing Point (C): N/A

Solubility in Water: 150 g/L @60 C

Ph (undiluted): 10.5

Evaporation Rate: N/A

Specific Gravity: 900 kg/m3

Freeze/Thaw

Stable: Doesn't freeze

Percent Volatile (vol): N/D

Vapor Pressure: N/A

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: N/A

Special Procedures: N/A

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: None

Conditions: N/A

Hazardous Combustion Products: N/A

Upper Explosion Limit (% by vol): N/A

Lower Explosion Limit (% by vol): N/A

Auto-ignition: N/A

Rate of Burning: N/A

Explosive Power: N/A

TDG/WHMIS: Non hazardous / D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: None known

Incompatible Substances: Decomposition catalysts (heavy metal & iron)

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact:	Y
Route of Entry - Skin Absorption:	N
Route of Entry - Eye Contact:	Y
Route of Entry - Inhalation:	Y
Route of Entry - Ingestion:	Y

Reproductive Effects Y/N:	N
Carcinogenicity Y/N:	N
Mutagenicity Y/N:	N
Teratogenicity Y/N:	N
TLV:	N/D

Effects of Overexposure:

Acute Effects:

May cause irritation to eyes on contact. Dust may be irritating to respiratory system.

Chronic Effects:

None known.

PREVENTATIVE MEASURES

Gloves: Recommended

Eyes: Chemical goggles

Footwear: N/A

Respirator: NIOSH dust mask

Clothing: N/A

Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation.

Leak & Spill Procedures:

Sweep up excess. Flush area with water.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Store in a cool, dry place. Avoid contact with eyes and skin.

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.

Ingestion: Contact a physician.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.

Skin Contact: Immediately flush skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: January 8, 2010

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

Emergency Response: 1-613-996-6666 (Transport Emergencies)

Mailing Address: Esteam Manufacturing Ltd.
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This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.