

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: OXYCLEAN**

**November 9, 2002**

**MANUFACTURER:** MELROSE CHEMICAL PRODUCTS, LTD.  
2337-46th Ave.  
LACHINE, QUEBEC. H8T 3C9  
EMERGENCY TEL: (514) 631-2998  
FAX: (514) 631-2997

## I. DESCRIPTION OF PRODUCT

**SUPPLIER:** MELROSE CHEMICAL PRODUCTS, LTD.  
2337-46th Ave.  
LACHINE, QUEBEC. H8T 3C9  
EMERGENCY TEL: (514) 631-2998  
FAX: (514) 631-2997

**PRODUCT USE:** Chlorinated Cleaner

**CHEMICAL FAMILY:** Detergent

**T.D.G. CLASSIFICATION:** Class 8 (9.2)

**WHMIS CLASSIFICATION:** Class D-2b; Class E

## II. HAZARDOUS INGREDIENTS

Chemical Identity:	CAS #	% Conc.	Toxicity
Potassium Hydroxide	1310-58-3	10 - 30	LDLo Rabbit, oral 500 mg/kg

## III. PHYSICAL PROPERTIES

**Physical State:** Liquid

**Appearance and colour:** Slightly yellow liquid with strong chlorine odour

**Odour threshold:** Not applicable

**Boiling Point:** 100°C

**Specific Gravity:** 1.21

**Freezing Point:** 0°C

**Vapour Pressure:** Not applicable.

**pH:** 12.4 (1% solution)

**Vapour density:** Not applicable.

**Evaporation Rate:** Not applicable.

**Solubility in water:** Complete

## IV. FIRE OR EXPLOSION HAZARDS

**Conditions of flammability:** Not flammable.

**Means of extinction:** Not applicable.

**Flashpoint and method of determination:** Not applicable.

**Flammable limits (% in air):** LOWER: Not applicable. UPPER: Not applicable.

**Auto-ignition temp.:** Not applicable.

**Hazardous combustion products:** Not applicable.

**Unusual fire and explosion hazards:** Not applicable.

## V. REACTIVITY DATA

**Chemical stability:** Stable under normal conditions. Hazardous polymerization will not occur.

**Incompatible substances:** Acids.

**Conditions of reactivity:** Avoid contamination with reactive substances.

**Hazardous decomposition products:** Contact with acid generates heat and liberates carbon dioxide.

## VI. PREVENTIVE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT TO BE USED:**

**Respiratory Protection:** Use approved air-supplied respirator.

**Protective Gloves:** Rubber gloves.

**Eye Protection:** Safety glasses.

**Additional Protective Equipment:** Not applicable.

**Ventilation:** Adequate ventilation to reduce mists below permissible exposure limits recommended.

Handling area may require mechanical ventilation.

**Procedures to be followed in case of spills or leaks:** Small amounts - Flush with water.

Large amounts - Contain spill and collect into waste container. Flush spill area with water.

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**Waste disposal:** Dispose of waste according to federal, provincial, and local regulations.

**Special handling procedures and equipment:** Not applicable.

**Specific storage requirements:** Keep container closed when not in use. Store in a cool and dry location away from acids.

**Shipping information:** Corrosive Liquids N.O.S. (Potassium Hydroxide); UN 1760; Class 8 (9.2); PG II

### VII. FIRST AID

**Contact with skin:** Wash skin with mild soap and water.

**Contact with eyes:** Flush with plenty of water. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air. Obtain medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Keep patient at rest and call a physician immediately.

### VIII. TOXICOLOGICAL PROPERTIES

#### ACUTE EXPOSURE EFFECTS:

#### ROUTE OF ENTRY:

**Contact with the skin:** Irritating to skin upon repeated or prolonged contact.

**Inhalation:** Mist can cause irritation of mucous membranes, coughing and difficulty in breathing.

**Ingestion:** May cause irritation of mouth and throat, nausea and vomiting.

**Eye contact:** Will cause painful burning or stinging of eyes and lids, watering of eyes, and inflammation of conjunctiva.

**Exposure Limits:** Data not available.

#### CHRONIC EXPOSURE EFFECTS:

**Carcinogenicity:** Data not available.

**Reproductive toxicity:** Data not available.

**Teratogenicity:** Data not available.

**Mutagenicity:** Data not available.

**Synergistic effects:** Data not available.

#### PREPARED BY:

Regulatory Services  
Melrose Chemical Products, Ltd

#### REPLACES: M.S.D.

DATED: November 9, 1999

**SOURCES USED:** CCOHS; MSDS from suppliers; Dangerous Properties of Industrial Materials, 7th edition, N. Irving Sax and Richard J. Lewis, Sr.; The Pharmacological Basis of Therapeutics, 4th edition, Louis S. Goodman and Alfred Gilman.

Aussi disponible en Français