

## Material Safety Data Sheet

EMERGENCY PHONE NUMBER: (816) 220-1177

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### SECTION I - IDENTITY

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COMMON NAME: Ultra Care Oxygen Cleaner  
CHEMICAL FAMILY: Specialty Chemical  
SYNONYMS: Not Applicable.

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### SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

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CHEMICAL NAME	APPROXIMATE WEIGHT %	TWA/TLV
Sodium Chloride (CAS# 007647-14-5)		ACGIH TLV-TWA: Not Established TLV-STEL: Not Established OSHA: PEL-TWA: Not Established PEL-CEILING: Not Established
Sodium Carbonate (CAS# 000497-19-8)		ACGIH TLV-TWA: 10 mg/m <sup>3</sup> TLV-STEL: Not Established OSHA: PEL-TWA: 15 mg/m <sup>3</sup> PEL-CEILING: Not Established
Sodium Percarbonate (CAS# 015630-89-4)		ACGIH TLV-TWA: Not Established TLV-STEL: Not Established OSHA: PEL-TWA: Not Established PEL-CEILING: Not Established
Proprietary Surfactant Blend		ACGIH TLV-TWA: Not Established TLV-STEL: Not Established OSHA: PEL-TWA: 2 mg/m <sup>3</sup> Na PEL-CEILING: Not Established

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### SECTION III – HAZARDS IDENTIFICATION

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PRIMARY ROUTE (S) OF ENTRY: 1. Skin Contact, 2. Inhalation, 3 Ingestion, 4 Eye Contact.

\*\*\* EMERGENCY OVERVIEW\*\*\* Harmful if inhaled. May cause delayed lung damage. Causes eye irritation, May cause allergic skin reaction.

EFFECTS OF OVEREXPOSURE- EYE CONTACT: Dust will irritate the eyes and prolonged contact may damage the eyes. Causes moderate to severe irritation, experienced as discomfort or pain, excess blinking and tear production, with marked excess redness and swelling of the conjunctiva. Corneal injury may be severe if not treated promptly.

EFFECTS OF OVEREXPOSURE – SKIN CONTACT: May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material. Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE – INHALATION: Dusts may irritate respiratory tract! Breathing product may irritate the nose and throat and cause coughing and chest discomfort.

EFFECTS OF OVEREXPOSURE – INGESTION: Irritating to mouth, throat, and stomach. May cause discomfort, nausea, vomiting, and diarrhea if swallowed.

# **OXYGEN CLEANER**

## **Quick Identifier**

**EFFECTS OF OVEREXPOSURE – CHRONIC HAZARDS:** Overexposure may cause lung damage. Repeated skin contact may cause a persistent irritation or dermatitis.

**TARGET ORGANS:** Lung, Skin, Eyes, Gastrointestinal.

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## **SECTION IV – FIRST AID MEASURES**

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**FIRST AID – EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

**FIRST AID – SKIN CONTACT:** Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID – INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**FIRST AID – INGESTION:** If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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## **SECTION V – FIRE FIGHTING MEASURES**

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**FLASH POINT:** N.D.

**LOWER EXPLOSIVE LIMIT:** N.D.

**UPPER EXPLOSIVE LIMIT:** N.D.

**AUTOIGNITION TEMPERATURE:** N.D.

**EXTINGUISHING MEDIA:** 1. CO<sub>2</sub>, 2. Dry Chemical, 3. Foam, 4. Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Toxic fumes may be given off when material is exposed to fire. Will not burn, but decomposition will release oxygen, which will increase the explosive limits and burning rate of flammable vapors.

**SPECIAL FIREFIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Ware runoff can cause environmental damage. Dike and collect ware used to fight fire. Cool containers with water spray. Use copious quantities of water to extinguish.

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## **SECTION VI – ACIDENTAL RELEASE MEASURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** If spill is dry, use a broom, shovel, and similar means to recover product. Avoid dust generation and use appropriate respiratory protection. Avoid runoff into storm sewers and ditches, which lead to waterways. Follow all government regulations. Evacuate area of unprotected personnel. Eliminate all sources of ignition. Provide adequate ventilation. Flush area with water to remove residual contamination.

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## **SECTION VII – HANDLING AND STORAGE**

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**HANDLING:** Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

**STORAGE:** Keep away from heat, sparks and flame. Keep from freezing. Keep container closed when not in use. Avoid storing next to strong acids. This product should be stored in clean, dry areas. Do not

# **OXYGEN CLEANER**

**Quick Identifier**

store near incompatibles.

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## **SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Nitrile rubber. Impervious gloves. Consult your glove manufacturer for compatibilities.

**EYE PROTECTION:** Wear chemical safety glasses with side shields or goggles. **DO NOT WEAR CONTACT LENSES.** Wear appropriate eye protection to prevent accidental contact.

**OTHER PROTECTIVE EQUIPMENT:** Wear suitable protective clothing to minimize and/or prevent contact. An eye-wash and safety shower should be present in the immediate area when handling this product.

**HYGIENIC PRACTICES:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid contact with eyes, skin, and clothing.

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## **SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

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**BOILING RANGE:** N.D.

**VAPOR DENSITY:** N/A.

**ODOR:** N.D.

**ODOR THRESHOLD:** N.D.

**APPEARANCE:** WHITE FREE FLOWING POWDER WITH BLUE SPECS.

**EVAPORATION RATE:** N/A

**SOLUBILITY IN WATER:** SOLUBLE.

**FREEZING POINT:** N.D.

**VAPOR PRESSURE:** N.D.

**SPECIFIC GRAVITY:** 1.26

**PH VALUE:** N.D.

**PHYSICAL STATE:** Powder

**VISCOSITY:** Not Determined.

**COEFFICIENT OF WATER/OIL DISTRIBUTION:** N.D.

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## **SECTION X – STABILITY AND REACTIVITY**

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**CONDITIONS TO AVOID:** Heat, sparks, and open flames. This material is stable under normal conditions.

**INCOMPATIBILITY:** Reducing agents. Strong oxidizers. Acids. Water.

# **OXYGEN CLEANER**

## **Quick Identifier**

HAZARDOUS DECOMPOSITION PRODUCTS: May liberate carbon monoxide or carbon dioxide.  
Oxides of Nitrogen. Ammonia.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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### **SECTION XI – TOXICOLOGICAL PROPERTIES**

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No product or component toxicological information available.

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### **SECTION XII – ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: Disodium Trioxosilicate

Crustacean: 96 Hr LC<sub>50</sub> 160 mg/l (static)

Mosquitofish: 96 Hr LC<sub>50</sub> 530 mg/l (static)

Daphnia magna: 96 Hr LC<sub>50</sub> 496 mg/l (static)

Mollusk egg: 96 Hr LC<sub>50</sub> 632 mg/l (static/ reproductive). No product or component ecological information is available.

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### **SECTION XIII – DISPOSAL CONSIDERATIONS**

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DISPOSAL METHOD: Follow all federal, state, provincial and local regulations.

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### **SECTION XIV – TRANSPORTATION INFORMATION**

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DOT PROPER SHIPPING NAME: Not DOT Regulated

DOT TECHNICAL NAME:

DOT HAZARD CLASS: Not DOT Regulated

HAZARD SUBCLASS

DOT UN/NA NUMBER:

PACKAGING GROUP:

RESP. GUIDE PAGE:

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### **SECTION XV – REGULATORY INFORMATION**

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U.S. FEDERAL REGULATIONS: AS FOLLOWS:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1919.1200).

CERCLA – SARA HAZARD CATEGORY:

This product contains the following substances subject to the reporting requirements of Section 313 of Title II of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

NO SARA SECTION 313 COMPONENTS EXIST IN THIS PRODUCT.

The chemical substance in this product are on the TSCA Section 8 Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA

# **OXYGEN CLEANER**

**Quick Identifier**

12(B), if exported from the United States:

No Information is available.

INTERNATIONAL REGULATIONS: AS FOLLOWS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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## **SECTION XVI – OTHER INFORMATION**

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HMIS RATING:           HEALTH: 1      FLAMMABILITY: 0      REACTIVITY: 1

LEGEND: N.A. – Not Applicable  
          N.E. – Not Established  
          N.D. – Not Determined

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## **SECTION XVII - DATE AND SIGNATURE**

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as the suitability and completeness of such information for his own particular use.

Manufactured by:  
LIQUID SOAP PRODUCTS, LTD  
3330 S. Outer Road E.  
Grain Valley, MO. 64029  
EPA Est. No. 63021-MO-002

Revised: 14 December 2004  
Supersedes: None-New

The submission of this MSDS may be required by law, but this is no assertion that the substance is hazardous when used in accordance with proper safety practices and normal procedures. Data supplied is for use only in connection with occupation safety and health.