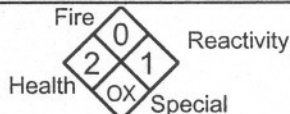


HAZARD RATING
4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT



MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910. 1200)

Date Prepared: 10-6-06

SECTION 1 - PRODUCT IDENTIFICATION

Company Name Daley International (Peck's Products Division) Emergency Telephone No. 1-800-535-5053
Address 4100 W. 76th Street, Chicago, IL 60652 Information Telephone No. 773-284-6565
Product Name / ID# OX 14 (101122) Product Type Con. Liquid Oxygen Bleach ☒ Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Hydrogen Peroxide	7722-84-11	< 20%	1 ppm (ACGIH)

☐ * Substances ☒ Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) 218°F Specific Gravity (H₂O=1.0) 1.0612 ± 0.005 pH 5.5 ± 0.5 % VOC (ww) 0%
Solubility In Water ☒ Complete ☐ Insoluble ☐ Emulsifiable or (Dispersible) ☐ Slight (or Partial)
Evaporation Rate (vs H₂O) ☐ Faster ☐ Slower ☒ About the Same Vapor Pressure NE Vapor Density NE
Appearance and Odor Clear colorless liquid. Nil odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) None ☒ None to boiling Flammable Limits Upper NA Lower NA
Extinguishing Media None
Special Fire Fighting Procedures Any container surrounded by fire should be flooded with water for cooling.
Unusual Fire Explosion Hazards On decomposition releases oxygen which may intensify fire.

SECTION 5 - REACTIVE DATA

Stability Stable-Excessive heat may cause some Incompatibility Reducing agents; Organic material; Dirt; Iron and other heavy metals; Caustic.
Hazardous Decomposition Products Oxygen that supports combustion.

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV ☒ None Established ☐ Not Applicable Primary routes of Exposure ☒ Eyes ☒ Skin ☒ Oral ☒ Inhalation
Signs Symptoms of Over-exposure (Acute) Extremely irritating/corrosive to eyes and gastro intestinal tract. May cause irreversible tissue damage to eye, including blindness. Inhalation of mist or vapors may be severely irritating to nose, throat and lungs.
May cause skin irritation.
Signs Symptoms of Over-exposure (Chronic) NA
Medical Conditions Aggravated by Over-exposure Unknown
Carcinogen/Suspected Carcinogen Ingredients: ☐ NTP ☐ IARC ☐ OSHA ☒ None

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes Flush with plenty of water for 15 minutes. Call a physician.
Skin Wash with plenty of water for 15 minutes. Remove contaminated clothing and wash before reuse.
Ingestion Give quantities of water to dilute. Do NOT induce vomiting. Get medical attention immediately.
Inhalation Remove to fresh air. If breathing is difficult or discomfort occurs, call a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None usually needed. A self contained breathing apparatus should be used if concentration of hydrogen peroxide exceeds, 10 ppm.
Ventilation requirements ☒ Local Exhaust ☐ Mechanical As needed to keep below any listed TLV's or for general good ventilation.
Protective Gloves Rubber Gloves Eye Protection Chemical Goggles
Other Protective Clothing Rubber apron recommended when handling larger volumes of material.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Dilute with large volume of water. Neutralize as necessary with dilute inorganic base.
Waste Disposal Methods Check government regulations. Probable to flush neutralized diluted material to sanitary sewer system with plenty of water.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Store so as to be inaccessible to children. Store in cool place. Wash thoroughly after handling.