

MATERIAL SAFETY DATA SHEET

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notes*

HMIS CODE
H= 1
F= 1
R= 1
PP= E

Last Revision (09/14/87)

TRADE NAME:

GLB OXY-BRITE

SECTION I

Manufacturer's Name:

GREAT LAKES BIOCHEMICAL CO., INC.
6120 W. DOUGLAS AVENUE
MILWAUKEE, WI 53218

Emergency Phone Numbers: GREAT LAKES BIOCHEMICAL CO., INC. (414) 464-1200

FOR LEAKS OR SPILLS - Contact CHEMTREC (800) 424-9300

TRADE NAME:	OXY-BRITE	;	CHEMICAL NAME & SYNONYMS:
		;	Potassium Monopersulfate

CHEMICAL FAMILY:	OXIDIZER	;	FORMULA:
		;	Proprietary Mixture

SECTION II - Hazardous Ingredients

2KHSO₅ - KHSO₄ - K₂SO₄

NOT A KNOWN CARCINOGEN

SECTION III - Physical Data

BOILING POINT (Deg. F):	Decomposes	;	SPECIFIC GRAVITY (H ₂ O=1):	1.1 -1.4
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VAPOR PRESSURE (mm Hg.):	Nil	;	VOLATILE BY VOLUME (%):	N/A
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VAPOR DENSITY (AIR=1):	Non-Volatile	;	EVAPORATION RATE (_____ =1)	N/A
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SOLUBILITY IN WATER : 25.6% at 20 deg. C.

APPEARANCE AND ODOR: White granules or powder - No odor.

SECTION IV - Fire & Explosion Hazard Data

FLASH POINT (Method Used): Will not burn

FLAMMABLE LIMITS: N/A Lel: N/A Uel: N/A

EXTINGUISHING MEDIA: Water

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: Grinding or intensive mixing may generate sufficient heat to fuse OXY-BRITE and cause ignition of oxidizable material present.

SECTION V - Health Hazard Data

THRESHOLD LIMIT VALUE: Not Determined
Recommend 8-hour TWA airborne exposure limit of 1 mg/M³

EFFECTS OF OVEREXPOSURE: Causes Irritation of skin and eyes due to oxidizing properties. Inhalation 4-hour LC50: >5 mg/L in rats.
Oral LD50: 2250 - 9500 mg/kg in rats.

EMERGENCY FIRST AID PROCEDURES: EYES: FLUSH WITH WATER - CALL A PHYSICIAN
INHALATION: REMOVE TO FRESH AIR
INGESTION: GIVE WATER - CALL A PHYSICIAN

SECTION VI - Reactivity Data

STABILITY: ; ; UNSTABLE ;XX; STABLE
CONDITIONS TO AVOID: Heat, Alkaline Conditions

INCOMPATIBILITY (Materials to Avoid): Heavy metals cause evolution of oxygen gas. Certain organic materials may react violently.

HAZARDOUS POLYMERIZATION: ; ; MAY OCCUR ;XX; WILL NOT OCCUR
CONDITIONS TO AVOID: N/A

SECTION VII - Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep up - Flush with water.

WASTE DISPOSAL METHOD: Comply with Federal, State and Local Regulations

SECTION VIII - Special Protection Information

RESPIRATORY PROTECTION (Specify Type): None For Normal Use -
Dust Mask if Necessary

VENTILATION

LOCAL EXHAUST: Not Required ; MECHANICAL (General): Normal

SPECIAL: None

PROTECTIVE GLOVES: Rubber or Plastic ; EYE PROTECTION: Splash Goggles

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION IX - Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Store in cool dry place. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

OTHER PRECAUTIONS:
Do not store with combustible material.