

**MSDS
MATERIAL SAFETY
DATA SHEET**

HERITAGE SYSTEMS, INC.
986 KAISER ROAD, #7, NAPA, CA. 94558

24-HOUR EMERGENCY TRANSPORTATION RESPONSE
NUMBER 800-535-5053

PRODUCT NAME: OXYDATE
LABEL COLOR: White (#335)
CHEMICAL FAMILY: Cleaning Compound

NFPA 704 DESIGNATION

HEALTH 2
FIRE 0
REACTIVITY 1
PPE COR

SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES

CAS #
CHEMICAL NAME Oxygen Bleach
(Potassium Monopersulfate)
% By Wt 38.5-45.5
OSHA/PEL N/A
ACGIH/TLV N/A
OTHER

SARA TPQ: N/A
SARA III: Not Listed

SECTION II-PHYSICAL DATA

Boiling Point: IBP N/A
Vapor Density (Air=1): >N/A
% Volatiles by Volume: N/A
Specific Gravity: N/A
Vapor Pressure: N/A
Solubility in Water (% by Wt.): Complete
Evaporation Rate: N/A
pH of 1% Solution: 6.3

Appearance and Odor: White Powder.

SECTION III-FIRE AND EXPLOSION DATA

Flash Point: None
Hazardous Polymerization: Will Occur X Will Not Occur
Flammable Limits: N/A
Lower Explosive Limits: N/A
Upper Explosive Limits: N/A

Extinguishing Media: Carbon dioxide, foam, or dry chemical.
Special Firefighting Procedures: Use full Bunker Gear and self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions
Conditions to Avoid: Do not heat above 50°C. May decompose on exposure to moist air or water.
Contact with combustible material may cause fire.

Updated 8-8-06

SECTION IV-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: (Refer to Section II)
EFFECTS OF OVEREXPOSURE: Irritating to skin, eyes, and exposed mucous membranes.
May be harmful if swallowed.. Extremely destructive to tissue of the mucous membranes and upper respiratory tract.
EMERGENCY AND FIRST AID PROCEDURE:
SKIN: Immediately wash affected area thoroughly with soap and water for 15 minutes. Remove any contaminated clothing and launder before reuse.
EYES: Flush eyes with copious amounts of water, making sure eye lids are kept open. Seek medical attention if irritation persists. Seek medical attention immediately.
INGESTION: Have victim drink several glasses of water or milk. Do not force an unconscious person to drink anything by mouth. DO NOT INDUCE VOMITING. Contact a physician or poison control center.
INHALATION: Respiratory irritant. Remove to fresh air and provide oxygen if severe distress continues. Seek medical attention. .

SECTION V-REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: Readily oxidizable organic compounds, transition "heavy" metals, compounds containing halides or active halogen compounds..
INCOMPATIBILITY: Heat, organic material, finely powdered metals..
HAZARDOUS DECOMPOSITION: May produce carbon dioxide, carbon monoxide.

SECTION VI-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills (less than 1 gallon) may be flushed, after neutralization with soda ash, to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal, or collected with an industrial vacuum truck.

WASTE DISPOSAL METHOD: Dispose with in accordance with all federal, state, and local regulations. Do not release the concentrated or diluted product directly into storm drains, or undedicated surface or groundwater supplies. This product is environmentally biodegradable under all conditions associated with normal use.

SECTION VII-PROTECTIVE EQUIPMENT

VENTILATION: Forced air, local exhaust, or open air is adequate.
PERSONAL PROTECTIVE EQUIPMENT: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product.
WORK/HYGENIC PRACTICES: Handle the concentrated product with extreme care.

SECTION VIII-REGULATORY INFORMATION

See Section II.
Strong Oxidizing agent. Also corrosive to skin.

SECTION IX-STORAGE AND HANDLING

Do not contaminate water, food, or feed by storage or disposal. Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well ventilated area away from heat or open flame. Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SECTION X-GENERAL PRECAUTIONS

DO NOT REUSE CONTAINER. Wash thoroughly after handling. For industrial or commercial use only. Keep away from children and animals.