

**MSDS  
MATERIAL SAFETY DATA  
SHEET**

**ENVIRO TECH CHEMICAL SERVICES, INC.**  
500 WINMOORE WAY MODESTO CA 95358

24-HOUR EMERGENCY TRANSPORTATION RESPONSE  
NUMBER 800-424-9300

NFPA 704 DESIGNATION

PRODUCT NAME: Enviro Klor  
LABEL COLOR: White  
CHEMICAL FAMILY: Bleach

HEALTH 2  
FIRE 0  
REACTIVITY 0  
SPECIAL COR

**SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES**

CAS # 7778-66-7  
CHEMICAL NAME potassium hypochlorite  
% By Wt 12.5%  
OSHA/PEL 2 mg/m<sup>3</sup>  
ACGIH/TLV N/A  
OTHER N/A

**SECTION II-PHYSICAL DATA**

Boiling Point: IBP 218° Fahrenheit Vapor Pressure: N/A  
Vapor Density (Air=1): N/A Solubility in Water (% by Wt.): Complete  
% Volatiles by Volume: 85% Evaporation Rate: N/A  
Specific Gravity: >1.0 pH of Concentrate: 12.5-13

Appearance and Odor: Yellow liquid with bleach odor.

**SECTION III-FIRE AND EXPLOSION DATA**

Flash Point: None  
Hazardous Polymerization:  Will Occur  Will Not Occur  
Flammable Limits: N/A  
Lower Explosive Limits: N/A  
Upper Explosive Limits: N/A  
Extinguishing Media: Water spray, carbon dioxide, foam or dry chemical.  
Special Firefighting Procedures: Use self-contained breathing apparatus.  
Unusual Fire and Explosion Hazards: When heated to decomposition it will give off chlorine gasses.  
Conditions to Avoid: Heat, acids, other oxidizers.

Revised: 3-25-08

**SECTION IV-HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: (Refer to Section II)

EFFECTS OF OVEREXPOSURE: May cause skin or eye irritation. May cause respiratory distress if breathing concentrated vapors.

EMERGENCY AND FIRST AID PROCEDURE:

SKIN: Wash affected area thoroughly with soap and water. 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. 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: Remove to fresh air and provide oxygen if severe distress continues. Seek medical attention. Pulmonary edema may develop in very acute cases. TARGET ORGANS: Skin, eyes, mucous membranes.

**SECTION V-REACTIVITY DATA**

CONDITIONS CONTRIBUTING TO INSTABILITY: Acids, heat, sunlight, or contact with iron or copper.

INCOMPATIBILITY: Avoid acids or strong oxidizers when using or storing this product.

HAZARDOUS DECOMPOSITION: Chlorine gas and hydrogen chloride.

**SECTION VI-SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike small spills with sand or a non-reactive absorbent. Collect in plastic containers only. Larger spills should be diked with sand ahead of spill. Collect in plastic containers only.

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.

**SECTION VII-PROTECTIVE EQUIPMENT**

VENTILATION: Forced air, local exhaust, or open air is adequate.

PERSONAL PROTECTIVE EQUIPMENT: As with all chemicals, wear at least chemical resistant gloves and eye protection when handling, moving or using this product. In case of confined spaces or high levels encountered in the air, wear self contained breathing apparatus.

WORK/HYGENIC PRACTICES: No unusual precautions are necessary.

**SECTION VIII-REGULATORY INFORMATION**

Reportable Quantities: 2,000 lbs (as is product)

DOT: Hypochlorite solutions, 8, UN1791, PG III

**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.