

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements

4-45

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 12-18-0072

IDENTITY (As Used on Label and List)

4-45 Dry Oxygen Bleach

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name:

Kansas Correctional Industries

Emergency Telephone Number:

CHEMTREX 800-424-9300

Address (Number, Street, City, State and Zip Code):

Kansas Department of Corrections

Telephone Number for Information:

(913) 727-3249

P.O. Box 2

Date Prepared:

May 28, 1998

Lansing, KS 66043

Signature of Preparer (optional):

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Names)

OSHA PEL

ACGIH TLV

Other
Exposure Limits

Optional

Sodium Percarbonate

N.E.

N.E.

N.E.

Sodium Tripolyphosphate

N.E.

N.E.

N.E.

Sodium Carbonate

N.E.

N.E.

N.E.

Inorganic Salt

N.E.

N.E.

N.E.

(N.E. = Not Established)

Section III - Physical/Chemical Characteristics

Boiling Point:

N/A

Specific Gravity (H₂O = 1):

N/A

Vapor Pressure (mm Hg.):

N/A

Melting Point:

N/A

Vapor Density (AIR = 1):

65-75 lbs per cubic foot

Evaporation Rate (Butyl Acetate = 1):

N/A

Solubility in Water:

Complete

Appearance and Odor:

Free flowing white granular powder, odorless

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):

Non-Flammable (Closed Cup)

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media: H₂O, Carbon Dioxide, Dry Chemical or Polymer Foam

Special Fire Fighting Procedures: Fire fighters should wear self contained breathing units.

Unusual Fire and Explosion Hazards: N/A

Section V – Reactivity Data

Stability: Unstable Conditions to Avoid:
 Stable High temperatures and exposure to moisture cause decomposition with oxygen generation of oxygen.

Incompatibility (Materials to Avoid): Normally unreactive. Avoid acids and high temperatures. Avoid moisture and contact with combustible materials.

Hazardous Decomposition or Byproducts: N/A

Hazardous May Occur Conditions to Avoid:
Polymerization: Will Not Occur N/A

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Possible

Health Hazards (Acute and Chronic): EYES: Severe irritation. SKIN: Prolonged/widespread contact may cause absorption of harmful amount of material. INGESTION: May cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration into the lungs may occur during ingestion and vomiting resulting in lung injury. Moderately toxic. INHALATION: May cause irritation to the mucous membranes and respiratory tract causing chest pain and cough.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: Causes eye irritation. Can cause irritation to the respiratory system and mucous membranes.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin, respiratory and/or gastrointestinal conditions.

Emergency and First Aid Procedures: EYE CONTACT: Immediately flush with plenty of water and continue flushing for ten minutes. Consult a physician if irritation persists. SKIN CONTACT: Wash affected area with water. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse. INGESTION: Call a physician immediately. Do not induce vomiting. Wash out mouth with water. Do not leave victim unattended. Never give anything by mouth if victim is unconscious or convulsing. INHALATION: Leave area of exposure immediately. Breathe fresh air. If discomfort occurs and persists, obtain medical attention.

SECTION VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Wear recommended protection. Any material not suitable for reuse should be held for authorized disposal. Ventilate.

Waste Disposal Method: Rinse containers thoroughly before disposing. Do not reuse containers. Dispose of waste product in sanitary landfill or as approved by state and local regulations.

Precautions to be Taken in Handling and Storage: Store in original containers away from heat and flame and in a cool dry place away from foods. Avoid repeated and prolonged contact with the skin. Dispense with adequate ventilation.

Other Precautions: Store in original containers at temperatures below 70°F. Do not breathe dust. Recover spills immediately. Keep out of reach of children.

Section VIII – Control Measures

Respiratory Protection (Specify Type): Dust Respirator

Ventilation: Local Exhaust N/A Mechanical (General) N/A Special N/A Other N/A

Protective Gloves: Impervious Gloves Eye Protection: Goggles

Other Protective Clothing or Equipment: Overalls

Work/Hygienic Practices: N/A
