

EMS CATALOG NO: 19230/19240
EMS PRODUCT: PIPES
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MATERIAL SAFETY DATA SHEET

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FOR PRODUCT AND SALES INFORMATION

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PRODUCT IDENTIFICATION

PRODUCT NAME: PIPES, 1.5 Sodium Salt

SYNONYMS: Piperazine-N,N-Bis 2-Ethanesulfonic Acid
1.5 Sodium

CAS NUMBER: 100037-69-2

OSHA REGULATED COMPONENTS: No Hazardous Components

TOXICITY HAZARDS

No data available.

HEALTH HAZARD DATA

HEALTH HAZARDS ACUTE/CHRONIC:

May be harmful by inhalation, ingestion or skin absorption. May

cause irritation.

SIGNS & SYMPTOMS OF EXPOSURE: No data available.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

EMERGENCY/FIRST AID PROCEDURES:

If ingested and conscious rinse out mouth with copious amounts of water. In case of contact with skin, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash before re use. If inhaled move victim to fresh air. If breathing is difficult give oxygen. If not breathing administer artificial respiration. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Lift upper and lower lids to assure adequate flushing. In all cases call a physician immediately.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical powder, alcohol, or polymer foam.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Emits toxic fumes under fire conditions.

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
SPECIFIC GRAVITY: N/A
VAPOR PRESSURE: Unknown
VAPOR DENSITY: N/A
APPEARANCE AND ODOR: White powder

REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: No data available.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION

PRODUCTS: Toxic fumes of CO₂, CO, Nitrogen and Sulfur oxides

HAZARDOUS POLYMERIZATION: Will not occur.

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear protective equipment. Sweep up, place in a sealed container and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after cleanup is complete.

WASTE DISPOSAL METHOD:

Observe all Federal, State and local regulations. Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber.

STORAGE/HANDLING PRECAUTIONS:

Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place.

LABEL PRECAUTIONARY STATEMENTS: No data available.

EMPLOYEE PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear approved NIOSH/MSHA respirator.

VENTILATION: Mechanical exhaust required.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT: Safety shower and eye bath.
Protective clothing.

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