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Material Safety Data Sheet

Effective Date: 03-29-10

I. CHEMICAL PRODUCT

Product: Pipes, Sodium Salt
General Use

II. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

MF:
M.W:

CAS No: 100037-69-2
EINECS No: Not Listed
OSHA PEL: Not listed

Alternate Names: Piperazine-N, N-Bis 2-Ethanesulfonic Acid 1.5 Sodium

III. HAZARDS IDENTIFICATION

May be harmful if swallowed, inhaled, or absorbed through the skin. May cause irritation.

Risk Phrases:

Safety Phrases:

IV. FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical attention.

Skin: Rinse area with large amounts of water for at least 15 minutes. Remove contaminated clothing and footwear.

Ingestion: Wash out mouth with water. Never give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is labored, give oxygen. Consult medical personnel.

V. FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, dry chemical powder, alcohol, or polymer foam.

Thermal Decomposition Products:

Fire Fighting Procedures: Wear proper protective equipment and self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

General Hazards:

Explosions Hazards: Emits toxic fumes under fire conditions.

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VI. ACCIDENTAL RELEASE MEASURES

VII. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, and on clothing. Wash hands thoroughly after handling.
Storage: Keep tightly closed. Store in a cool dry place.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control: Mechanical exhaust required. Safety shower and eye bath.
Respiratory Protection: Wear a NIOSH/MSHA approved dust respirator.
Eye Protection: Chemical safety goggles.
Skin/Hand Protection: Chemical resistant gloves

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white powder
Boiling Point: no data
Melting Point: no data
Bulk density: no data
pH (1% solution at 20°C.): no data
Solubility in water: no data
Vapor density (air =1): no data
Vapor pressure (mm Hg at 20°C.): no data
% Volatile by volume: no data

X. STABILITY AND REACTIVITY

Flash Point: Not available
Stability: Stable
Incompatibility: Strong oxidizing agents
Hazardous decomposition products: Toxic fumes of CO₂, CO., Nitrogen and Sulfur oxides
Hazardous polymerization: Will not occur.

XI. TOXICOLOGICAL INFORMATION

Toxicity:
Irritation:
Note: No data available

XII. ECOLOGICAL INFORMATION

Water/AIR Pollution: Data not yet available
Biodegradability: Data not yet available

XIII. DISPOSAL CONSIDERATIONS

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.

Container Disposal:

XIV. TRANSPORT INFORMATION

Not regulated

UN No: Not applicable.

XV. REGULATORY INFORMATION

Canadian WHMIS Hazard Class and Division:

Symbol (European Union):

EEC Warning Label Statement:

Water Pollution Class (Germany):

XVI. OTHER INFORMATION

The information presented in this Material Safety Data Sheet is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide for safety precautions. The data does not reflect a guarantee of any product properties.