

Material Safety Data Sheet

Quick Identifier:
Buffer Sour

Section 1

Metro-Chem, Inc.
24 Pennsylvania Avenue
Post Office Box 401
Kearny, NJ 07032

Emergency Phone No. 800-424-9300
Other Information 973-589-2800
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Section 2 Hazardous Ingredients\identity

HAZARDOUS COMPONENT: None

Section 3 Physical & Chemical Characteristics

BOILING POINT: C at 760mm - 1485 SPECIFIC GRAVITY (H2O=1): 2.165

VAPOR PRESSURE (mm Hg): at 746.9 degrees C - 2.4 VAPOR DENSITY (Air=1): n/a

SOLUBILITY IN WATER: good REACTIVITY IN WATER: n/a

APPEARANCE AND ODOR: off white powder with perfume scent MELTING POINT: n/a

Section 4 Fire and Explosion Hazard Data

FLASH POINT: none METHOD USED: n/a

FLAMMABLE LIMITS IN AIR % BY VOLUME: not flammable

LEL LOWER: n/a UEL UPPER: n/a

AUTO-IGNITION TEMPERATURE: n/a

EXTINGUISHER MEDIA: water, CO2, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: none

UNUSUAL FIRE AND EXPLOSION HAZARDS: n/a

Section 5 Physical Hazards (reactivity data)

STABILITY: Stable CONDITIONS TO AVOID: concentrated acids such as sulfuric or nitric

INCOMPATIBILITY (MATERIALS TO AVOID): acids and acid vapors

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrochloric acid from above acid mixtures

Section 6 Health Hazards

1. ACUTE (Immediate): none

2. CHRONIC (Delayed Effect): none

SIGNS AND SYMPTOMS OF EXPOSURE: In sensitive people some dermal or eye irritation effects, or after excessive ingestion, m edema and/or temporary elevated blood pressure effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: none known

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: NO

I.A.R.C. MONOGRAPHS: NO

OSHA: NO

EMERGENCY AND FIRST AID PROCEDURES: Remove from exposure

ROUTES OF ENTRY

INHALATION: n/a

EYES: Flush thoroughly with water.

SKIN: Flush with water.

INGESTION: High fluid intake facilitates urinary excretion and relief of edema and temporary elevated blood pressure. Gavage ingestion of 15-50 g may induce vomiting resulting in partial vacating of stomach contents.

Section 7 Precautions and Spill\Leak Procedures

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a dry location.

OTHER PRECAUTIONS: none

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Non-hazardous. Sweep up and flush with water.

WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): If non-reusable dry to land fill or dissolve in sufficient amounts of water to meet local existing water quality standards.

Section 8 Special Protection Information\Control Measures

RESPIRATORY PROTECTION (Specify Type): NIOSH approved respirator for dust and mists unnecessary, but may be used for comfort.

VENTILATION: LOCAL EXHAUST: not necessary

MECHANICAL: control dust collection may be used, but unnecessary

SPECIAL: n/a OTHER: n/a

PROTECTIVE GLOVES: Gloves may be worn for comfort.

EYE PROTECTION: Safety glasses may be worn for comfort.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: n/a

WORK/HYGIENIC PRACTICES: Safety showers and eyewash stations should be handy.

We believe the information contained herein is true; however, no warranties, expressed or implied, are made or intended herein with respect to such information.