

Millennium Signatures
MARKING SYSTEMS

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Emergency Numbers

Canutec: (613) 996-6666
Poison ControlCentre:

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MATERIAL SAFETY DATA SHEET

Section I

Chemical Name: CIX (Nuclear Grade)

Formula: Trade Secret

Section II **Hazardous Ingredients/ Identity Information**

Mixed Nitrate Salt 4%

AGGIH TLV: Non-established

TXDS ORL-HMN LDLO: 500mg/kg

Section III **Physical/ Chemical Characteristics**

Boiling Point: 212 Degrees (F)

Specific Gravity: 1.021

Vapour Pressure: (mm Hg) @ 25 Degrees (C) (77 Degrees (F)) : 23.7

Melting Point: N/A

Vapour Density: (AIR -1): N/A

Evaporation Rate: N/A

Solubility in Water: Complete (100%) (Butyl Acetate - 1)

Appearance: Clear, Slight Odour

Section IV **Fire and Explosion Hazard Data**

Flash Point: None Obtained

Flammable Limits: N/A

ph: 4.4

Explosive: Not under normal conditions

Extinguishing Media: N/A

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Section IV Cont..

Spec. Storage Precautions: May be stored inside and out. Keep containers closed. If frozen, bring to room temperature prior to use: N.A.

Unusual Fire & Explosion Hazards: None

Section V **Reactivity Data**

Stability: Stable

Conditions to Avoid: Open Flame

Incompatibility (Materials to Avoid): With dried solution; Reducing agents, organic material, oxides

Hazard Polymerization: Will Not Occur

Hazardous Decomposition or By- Products: None, but surrounding fire may release nitrogen oxide.

Conditions to avoid: N/A

Section VI **Health Hazard Data**

Route(s) of Entry:

Inhalation: N/A

Skin: Y

Ingestion: Y

Health Hazards (Acute & Chronic):

Ingestion: Highly toxic to G.I. tract

Inhalation of spray: Respiratory distress

Carcinogenicity: NTP: * IARC Monographs: No OSHS Regulated: NO

Signs and Symptoms of exposure:

Ingestion: Nausea, vomiting, diarrhea and possible facial discoloration

Skin and Eyes: May cause irritation or allergic reaction

Medical conditions generally aggravated by exposure: Dermatitis may possibly be aggravated

Emergency and First Aid Procedures:

Ingestion: Contact physician

Skin and Eyes: Flush thoroughly with water for fifteen minutes

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Section VII Precautions for Safe Handling and Use

Hygienic Practices: Minimize skin contact, wash exposed skin frequently, do not wear contaminated clothing

Special protective measures during repair maintenance of contaminated equipment: If need, use protective clothing and work practices to avoid constant contact with material.

Spill handling/Clean-up: Use suitable absorbent and dispose of in dot approved waste containers

Waste Disposal: To be performed in compliance with all current local, provincial and federal regulations

Precautions to be taken in handling and storing: Keep containers tightly closed, and keep from freezing (32 degrees [F]). Wash hands thoroughly after handling

Other precautions: Wash hands thoroughly after handling

Section VIII Control Measures

Respiratory Protections (specify type): If needed, an approved mist respirator can be used

Ventilation: Local exhaust is sufficient

Protective gloves: Optional- for sensitive skin

Eye protection: For extra protection, wear safety goggles

Other protective clothing or equipment: Optional- Apron

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