

*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:** F-10

**Formula:** Trade Secret

### **Section II**      **Hazardous Ingredients/ Identity Information**

Nitrate Salts 4%

Chloride Salts 7%

### **Section III**      **Physical/ Chemical Characteristics**

**Boiling Point:** 212 Degrees (F)

**Specific Gravity:** 1.073

**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:** Red, Slight Odour

### **Section IV**      **Fire and Explosion Hazard Data**

**Flash Point:** N/A

**Flammable Limits:** N/A

**ph:** 2.6

**Extinguishing Media:** N/A

**Spec. Fire Fighting Procedures:** N/A

**Unusual Fire & Explosion Hazards:** N/A

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### **Section V          Reactivity Data**

**Stability:** Stable

**Conditions to Avoid:** N/A

**Incompatibility (Materials to Avoid):** Oxidizes if solution dries

**Hazard Polymerization:** Will not occur

**Hazardous Decomposition or By-Products:** None but surrounding fire may release nitrogen oxide and chlorine gases

**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:** Significant amounts may cause blood, heart, thyroid and pancreas damage

**Skin & Eyes:** may cause irritation or allergic reaction

**Carcinogenicity: NTP: IARC Monographs:** No

**OSHA Regulated:** No

#### **Signs and Symptoms of exposure:**

**Ingestion:** Nausea, vomiting and possible facial discoloration

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

#### **Emergency and First Aid Procedures:**

**Ingestion:** Induce vomiting and call a physician

**Skin and Eyes:** Flush thoroughly with water for fifteen minutes

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### **Section VII Precautions for Safe Handling and Use**

#### **Steps to be taken in case material is released or spilled:**

**Small Spills:** Flush with water to sewer

**Large Spills:** 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:** None

### **Section VIII Control Measures**

**Respiratory Protections (specify type):** N/A

**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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