

Millennium Signatures Marking Systems Inc.

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SAFETY DATA SHEET

Product Name: T10 Electrolyte
Product Code(s): T10
Manufacturers Name: Millennium Signatures Marking Systems Inc.
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SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (specific chemical identity/ Common name):

SOLIDS:

LIQUIDS: Glycerol (trade secret) 6%

TRADE SECRET: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 3 – HAZARD INFORMATION

Inhalation: Respiratory distress.
Ingestion: Irritation of G.I. tract. Nausea, and vomiting.
Skin contact: Irritation. Dermatitis possibly aggravated.
Eye contact: Irritation.

SECTION 4 – FIRST AID MEASURES

Skin contact: Wash thoroughly with water for fifteen minutes.
Eye contact: Flush thoroughly with water for fifteen minutes.
Ingestion: Get medical attention.
Inhalation: Get to fresh air and get medical attention.
Always seek medical attention if irritation continues.

SECTION 5 – FIRE-FIGHTING MEASURES

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Suitable extinguishing media: N/A
Special firefighting procedures: N/A
Unusual fire and explosions hazards: N/A

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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, state and federal regulations.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in the event of spillage or chemical release:

Waste disposal method: To be performed in compliance with all current local, state and federal regulations.

Precautions to be taken in Handling and Storage: Keep container tightly closed, and keep from freezing (32°F). Wash hands thoroughly after handling.

Other Precautions: None.

SECTION 8 – EXPOSURE CONTROLS – PERSONAL PROTECTION

Occupation Exposure Limits: N/A

Personal Protective Equipment:

Respiratory System: N/A

Skin and Body: Optional apron

Hands: Optional - For sensitive skin, rubber gloves

Eyes: Wear safety goggles.

Other/Special: Local exhaust sufficient

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid **Color:** Clear **Odor:** Slight odor **Odor Threshold:** N/A **pH:** 11.8 to 12.2

Boiling Point: 212°F

Melting / Freezing Point: Melting - N/A Freezing - below 32°F **Flash Point:** N/A

Fire Hazards in presence of various substances: N/A **Auto-ignition temperature:** N/A

Explosive Properties: N/A **Lower explosion limit:** N/A

Oxidizing properties: N/A **Vapor Pressure (mm Hg.): @25°C (77°F):**23.7

Evaporation Rate: N/A **Density:** N/A

Solubility: Complete (100%) **Vapor Density:** N/A

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SECTION 10 – REACTIVITY DATA

Stability: Stable
Conditions to avoid: Open flame.
Incompatibility: (materials to avoid) Acids, strong oxidizers.
Hazardous Decomposition or By-products: Acrolein
Hazardous polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Carcinogenicity: NTP: No IARC: No OSHA: No
Health Hazards (Acute & Chronic);
Irritation of G.I. tract.
Respiratory distress if spray is inhaled.
Nausea and vomiting.
Irritating to skin and eyes.
Dermatitis possibly aggravated from exposure.

SECTION 12 – ECOLOGICAL INFORMATION

N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.

SECTION 14 – TRANSPORT INFORMATION

Keep container tightly closed and keep from freezing (32° F).

SECTION 15 – TRANSPORT INFORMATION IRRITANT

Safety Phrases: N/A **Risk Phrases:** N/A **Regulations:** N/A

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SECTION 16 – OTHER INFORMATION

Source of key data used to

Compile Safety Data Sheet: Material Safety Data Sheet. Essentially similar to U.S. Department of Labor Form OSHA-20

Issue Date: 26 February 1987

Changes to Issue: 10 April 2015

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