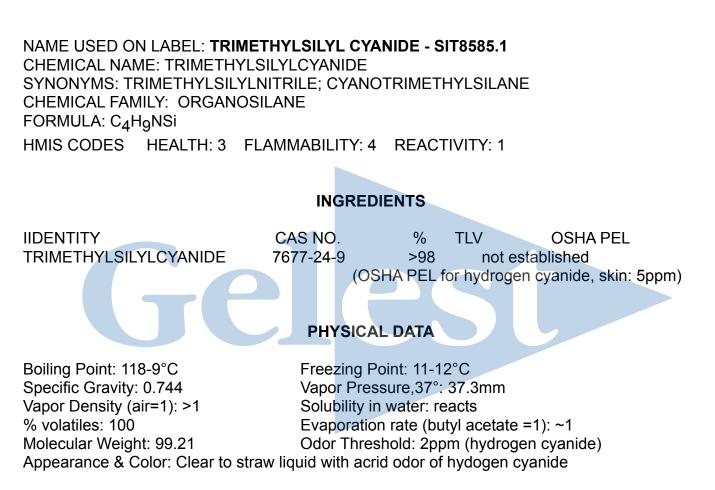
GELEST, INC.

11 East Steel Rd. Morrisville, PA 19067 Phone: (215) 547-1015

MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE CHEMTREC: 1-800-424-9300



FIRE & EXPLOSION DATA

Flash Point, COC : 1°C (34°F) Autoignition Temp.: not determined Flammability Limits: not determined

Leave area of fire unless equipped with a self-contained breathing apparatus.

Extinguishing Media: If no greater threat is present, this material should be allowed to burn, since combustion eliminates acute toxic potential. If a greater threat is present, use carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Avoid inhalation, eye and skin contact. Do not breathe fumes or inhale vapors. Wear self-contained air supply.

Unusual Fire and Explosion Hazards: Toxic fumes of hydrogen cyanide will develop when material is exposed to water.

Abbreviations: ND: Not Determined, No Data; NA: Not Applicate (SIT8585.1) Dose, LC: Lethal Concentration; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average;

ENVIRONMENTAL INFORMATION

Spill response: May be hazardous to aquatic life if released to open waters. Cover spill with absorbent material. Transfer to a suitable container for disposal.

Recommended Disposal: Controlled incineration is preferred. Alternately, in an enclosed vessel with a caustic vent scubber, hydrolyze material by mixing slowly with dilute sodium hydroxide, maintaining basic pH at all times. Aqueous layer contains sodium cyanide. Organic layer may be incinerated. Follow all chemical pollution control regulations.

HEALTH HAZARD DATA

Eye Contact: Will cause immediate or delayed severe eye irritation.

Skin contact: Highly toxic. May be fatal if absorbed through the skin. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Highly toxic. May be fatal if inhaled. At low levels may cause cyanosis (blue-gray coloring of skin, lips and fingernails caused by lack of oxygen.

Inhalation Toxicity: Not determined

Oral Toxicity: Not determined.

Chronic Toxicity: There are no known chronic effects related to this compound.

SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Call a physician.

INGESTION: If wallowed give two glasses of water and induce vomiting.Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.

Note to physician: If cyanosis is evident treat for cyanide poisoning. Provide oxygen.

REACTIVITY DATA

Stability: Stable in sealed containers stored under a dry inert atmosphere. Conditions to avoid: Combustible; avoid contact with heat, sparks or open flame. Incompatibility (materials to avoid): Reacts with water and moisture in air, liberating hydrogen cyanide. Avoid contact with alcohols, acids, oxidizers. Hazardous decomposition products: Hydrogen cyanide, organic acid vapors..

-2-(SIT8585.1)

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SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended. Respiratory Protection: If exposure exceeds TLV for hydrogen cyanide, air-supplied or combination organic vapor/acid gas respirator. Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses. Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

OTHER PRECAUTIONS

For research and industrial use only.

Storage and Handling: Store in sealed containers.

TRANSPORTATION

DOT SHIPPING NAME: TOXIC BY INHALATION, LIQUID, FLAMMABLE, N.O.S. (TRIMETHYLSILYLNITRILE) DOT HAZARD CLASS: 6.1 SUB: 3 DOT LABEL: TOXIC BY INHALATION LIQUID, FLAMMABLE DOT ID No: UN3384 PG: I

IMDG:: IMDG Code segregation group 6

Prepared by safety and environmental affairs

ISSUE DATE SIT8585.1: 2/11/08 SUPERSEDES: 11/1/07

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