

REACTIVITY DATA

Chemical Stability: Very Stable

Incompatibility: Acids, Ammonium salts. Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc.

Conditions of Reactivity: Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc.

Hazardous Decomposition Products: Hydrogen

TOXICOLOGICAL PROPERTIES

Route of Entry:

Skin Contact: Causes slight irritation to the skin

Eye Contact: Causes moderate irritation to the eyes.

Inhalation: Spray mist irritating to respiratory tract.

Ingestion: May cause irritation to mouth, esophagus, and stomach.

Exposure Limits: N/A Synergistic Products: N/A

Sensitization / Irritancy: ND

Carcinogenicity / Teratogenicity / Mutagenicity / Reproductive Effects: ND

PREVENTIVE MEASURES

Personal Protective Equipment: Wear chemical goggles. And protective clothing and gloves.

Engineering Controls: Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

Leak or Spill Procedure: Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills

Disposal: Disposed material is not a RCRA Hazardous waste. Dispose in accordance with federal, state and local regulations and permits.

Handling Procedures and Equipment: Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.

Storage Requirements: Keep containers closed. Store in clean steel or plastic containers.

Separate from acids, reactive metals, and ammonium salts. Storage temperature 0-95° C.

Loading temperature 45-95 ° C. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers.

Shipping Information: Do not freeze, not effected by warm storage.

FIRST AID MEASURES

Skin: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention

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

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person

ADDITIONAL INFORMATION

Product of Canada

PREPARATION INFORMATION

Department:
Technical

Phone No.:
1-403-230-5717

Date:
November 30, 2016

n/a – Not Applicable

nd – Not Determined