SECTION 3: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Containers should be stored in a cool, dry, well-ventilated area away from flammable materials and sources of heat. Exercise caution to prevent damage to or leakage from containers. Ground all transfer equipment. Hold bulk storage under a nitrogen blanket.

VALVE CONNECTION: N/A

OTHER PRECAUTIONS: Use good hygienic practices. Remove and destroy contaminated clothes. Precautionary labeling: CORROSIVE MATERIAL, STRONG BASE.

**SECTION NOTES**

HMIS RATING:

- HEALTH: 2
- FLAMMABILITY: 1
- REACTIVITY: 1
- SPECIAL HAZARDS: 0

NFPA RATING:

- HEALTH: 2
- FLAMMABILITY: 1
- CONTACT: 1
- SPECIAL HAZARDS: 0

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SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >355°F
FLASH POINT (METHOD USED): N/A
FLAMMABILITY LIMITS IN AIR (% BY VOL): LOWER: N/A UPPER: N/A
EXTINGUISHERING MEDIA: Foam, dry chemical, carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: If not leaking, keep exposed containers cool with water spray to prevent rupture. High-pressure water may spread product from broken containers, increasing contamination or fire hazard. Prevent human exposure to fire, smoke, fumes, or combustion products; evacuate non-essential personnel. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARD: N/A

SECTION 5: HEALTH AND HAZARD DATA

THRESHOLD LIMIT VALUE: Trace amounts of exichlorohydrin have a TLV of 2 ppm.
UNUSUAL CHRONIC TOXICITY: N/A
CARCINOGENICITY: N/A
ROUTES OF EXPOSURE: Principally skin contact and inhalation of vapors.
EFFECTS OF OVEREXPOSURE: Inhalation can cause respiratory irritation. Prolonged skin contact can cause dermatitis and severe burns. Ingestion may produce abdominal pain or diarrhea.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: N/A

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with large amounts of water for 15 minutes. Hold eyelids apart to assure thorough flushing. Do not attempt to neutralize any chemical. Obtain medical attention as soon as possible.

SKIN CONTACT: Flush affected areas with water for 15 minutes. Remove any contaminated clothing or shoes. Wash or discard clothing. Seek medical attention if irritation develops.

INHALATION: Remove from area. Seek medical attention if breathing is difficult. Oxygen may be delivered upon the advice of a physician. If not breathing, give artificial (mouth-to-mouth) respiration.

INGESTION: Do not induce vomiting.Give several glasses of water. If vomiting occurs, give more fluid. Have physician determine if condition of patient will permit evacuation of stomach.

SECTION 6: REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: High temperatures (can auto ignite at 572°F).
INCOMPATIBILITY (MATERIALS TO AVOID): Acids, strong oxidants, halogenated organic compounds.
HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides (when burned).
HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: N/A

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Soak up liquid with a suitable absorbent, such as sawdust, clay, or oil absorber. Sweep up absorbed material and place in a chemical waste drum for disposal. Wash up area with detergent and water and flush area with water. Large spills should be diked and pumped into a drum for salvage or disposal.

WASTE DISPOSAL METHOD: Material that cannot be used should be disposed of in an EPA-authorizezed facility. Dispose of empty containers according to applicable regulations under the Resource Conservation and Recovery Act.

SECTION 8: SPECIAL PROTECTIVE INFORMATION

RESPIRATORY PROTECTION: If adequate ventilation is not available and vapor is being generated, use NIOSH-approved organic vapor respirators. If a higher level of protection is needed, a positive pressure air supply respirator is recommended.

VENTILATION: General mechanical ventilation is suggested in a closed area. Local exhaust may be necessary for some operations.

PROTECTIVE GLOVES: Plastic or rubber gloves.

EYE PROTECTION: Chemical splash goggles.

OTHER PROTECTIVE EQUIPMENT: Protective aprons, coveralls, or body suit. Safety shower and eye wash should be located in the immediate work area.