

Product Identity: THERMATE -SEWER PIPE CLEANER (S-727)

DATE: 02/97

**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

**Section I - Distributor's Name**

K & K CHEMICAL COMPANY 1303 Industrial Drive Royse City, TX 75189  
Emergency Telephone No.: 1-800-424-9300

**HMIS RATINGS**

HEALTH 4  
FLAMMABILITY 0  
REACTIVITY 3

**PERSONAL PROTECTION:**  
Goggles, Gloves, Apron

**Section II - Hazardous: None** (Contains):

Sodium Hydroxide CAS No.: 1310-73-2 % (optional): 89% TLV Source: 2mg/m<sup>3</sup> ACGIH

**Section III - Physical Data**

Boiling Point: 240° Specific Gravity (H<sub>2</sub>O=1.0): N/D Vapor Pressure (mm Hg): N/D  
Solubility in Water: Complete Vapor Density (Air=1.0): N/D Evaporation Rate (vs H<sub>2</sub>O): N/D  
Appearance and Odor: Red powder with dark specks, characteristic odor.

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

Flash Point (T.C.C.): N/A Flammable Limits: N/A Extinguishing Media: Product is not combustible.  
Special Firefighting Procedures: Pressure demand self contained breathing apparatus should be provided for firefighters in building or confined areas where product is stored.  
Unusual Fire and Explosion Hazards: Keep away from chlorinated solvent, acids, oxidizers, etc.

**Section V - Reactive Data**

Stability: Stable Incompatibility: Acids, zinc, aluminum, lead and peroxides.  
Hazardous Decomposition Products: Storage with aluminum, tin, or zinc may generate hydrogen gas.

**Section VI - Health Hazard Data**

Routes of Exposure:  
Eye: Causes severe irritation.  
Skin: Causes severe irritation.  
Oral: If swallowed, DO NOT INDUCE VOMITING. Give water or milk and seek medical attention.  
Inhalation: Causes severe irritation. Seek medical attention if symptoms persist.  
Other: None.  
Health Hazards-Acute and Chronic: Will cause severe burns to skin and damage to eyes, mucous membranes. Inhalation may cause injury to entire respiratory tract.  
Medical Conditions Aggravated by Exposure: None known.  
Carcinogen or suspect Carcinogen Ingredients: NTP: None IARC: None OSHA: None

**Section VII - Emergency and First Aid Procedures**

Eyes: Flush immediately with copious amounts of water. If irritated, seek medical attention.  
Skin: Flush immediately with copious amounts of water. If irritated, seek medical attention.  
Ingestion: If ingested, DO NOT INDUCE VOMITING. Give water or milk and seek medical attention.  
Inhalation: Get to fresh air. Seek medical attention if symptoms present.

**Section VIII - Special Protection Information**

Respiratory protection: NIOSH/MSHA approved respirator.  
Mechanical: Where dust or mist generated.  
Protective Gloves: Rubber gloves.  
Eye Protection: Chemical goggles.  
Other Protective Clothing: Standard work clothing. Wash contaminated articles before reuse.

**Section IX - Spill or Leak Procedure**

Steps to be taken if spilled or released: Flush area with plenty of water. Neutralize with vinegar.  
Waste Disposal methods: Dispose of according to all state, local and federal regulations.

**Section X - Storage and Handling Information**

Precautions: Avoid skin and eye contact. Store in closed container. Store in cool place away from bowl cleaners or drain openers.  
**Keep out of reach of children. For industrial use only.**