

# MATERIAL SAFETY DATA SHEET

## (SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable  
Not Est. = Not Established  
Prop. = Proprietary

### SECTION 1 - MANUFACTURER / DISTRIBUTOR INFORMATION

**Product Name:** SURGE Heavy Duty Liquid Drain Opener  
**Supplier's Name:** National Chemical Laboratories of PA, Inc.  
**Supplier's Address:** 401 N. 10<sup>th</sup> Street · Philadelphia PA 19123  
**HMS Hazard Code:** Health: 3 Flammability: 0 Reactivity: 0 Other: 0  
**Chemical Family:** Bowl Cleaner  
**D.O.T. Shipping Name:** ORM-D

**Product #:** 1760  
**Emergency Phone #:** CHEM-TEL (800) 255-3924  
**Chemical Name:** N.A. Proprietary Blend  
**Formula:** N.A. Blended Product  
**Hazard Class:** N/A **D.O.T. ID#:** N/A

### SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	% Concentration Range	Hazard Ratings (TLV/PEL)
Potassium Hydroxide	1310-58-3	PROP.	2 mg/m <sup>3</sup>
Sodium Hydroxide	1310-73-2	PROP.	2 mg/m <sup>3</sup>

### SECTION 3 - PHYSICAL DATA

**Boiling Point (°F):** N/A  
**Vapor Pressure:** N/A  
**Vapor Density:** N/A  
**Solubility in Water:** N/A  
**Appearance:** Red Liquid  
**Odor:** Non-Descriptive

**Specific Gravity:** 1.450  
**Evaporation Rate:** = To Water  
**Melting Point:** N/A

### SECTION 4 - FIRE AND EXPLOSION DATA

**Flash Point (°F):** None  
**Flammable Limits:** N/A  
**Extinguishing Media:** None  
**Special Fire Fighting Procedures:** None  
**Unusual Fire & Explosion Hazards:** None

### SECTION 5 - HEALTH HAZARD DATA

**Route(s) of Entry:** Inhalation: Yes Skin: Yes Ingestion: Yes **Threshold Limit Value:** Not Est.  
**Emergency & First Aid Procedures:** **EXTERNAL:** Flood area with water then vinegar. Remove contaminated clothing and wash prior to reuse.  
**INTERNAL:** Do not induce vomiting. Drink vinegar, lemon or orange juice; follow with mineral oil. If vomiting occurs spontaneously, keep airways clear. Seek immediate medical attention. **For Eyes:** Wash immediately with 5% Boric Acid solution. Seek immediate medical attention.  
**Health Hazards (acute or chronic):** None determined.  
**Carcinogenicity:** NTP ? IARC Monographs ? OSHA Regulated? N/A  
**Signs and Symptoms of Exposure:** Produces destruction of tissues and severe burns on contact with body tissues of any kind.  
**Medical Conditions Generally Aggravated by Exposure:** None determined.

### SECTION 6 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** N/A  
**Incompatibility:** N/A  
**Hazardous Polymerization:** Will not occur.

### SECTION 7 - SPILL OR LEAK PROCEDURES

**Steps to be taken if material is released or spilled:** Ventilate area well then flush large amounts of water, then use vinegar to neutralize remaining traces of material.  
**Waste Disposal Method:** Neutralize with diluted acid, dilute well with water and flush to sewer with plenty of water, if permitted by disposal regulations.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** N/A  
**Protective Gloves:** Rubber, vinyl  
**Eye Protection:** Goggles, face shield, or safety glasses with side shields.  
**Other Protective Equipment:** Face shield, hard hat, rubber apron, shoes and clothing to prevent skin contact.  
**Work/Hygienic Practices:** Normal good housekeeping and manufacturing procedures.

### SECTION 9 - SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** Store in a cool place away from combustible material, avoid contact with skin or eyes.  
**Other Precautions:** Use adequate eye protection. Do not mix with other chemicals. Do not reuse empty containers. Keep out of reach of children. For professional use only.

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Date Prepared – 05/21/08 By: G.C.