

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ FOSTER & CO., INC  
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100  
Cedar Knolls, PREPARATION/REVISION DATE: 07/21/03  
NJ 07927  
PREPARER/CONTACT: Gary Adams, Chemist  
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: UNCLOG  
CHEMICAL NAME/SYNONYMS: Acid Drain Opener w/Odor Cap  
CHEMICAL FAMILY.....: Inorganic Acids  
FORMULA.....: Inhibited Sulfuric Acid  
PRODUCT CODE.....: 17-13

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

\*\*\*\*\*  
\* \* \* \* \*  
\* HEALTH..... 3 \*  
\* FLAMMABILITY.. 1 \*  
\* REACTIVITY.... 2 \*  
\* PROTECTION.... D \*  
\* \* \* \* \*

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
*Inhibited Sulfuric Acid (93-95%)	7664-93-9	>75	1 mg/m3	1 mg/m3
*Orthodichlorobenzene	95-50-1	2-7	50 PPM	25 ppm

\*this ingredient is reportable under EPA  
SARA Title 111-please check applicable  
states for additional regulations.  
\*\* all items TSCA inventory listed

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
N/A	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-  
DANGER: POISON. Extremely corrosive. SKIN: Severe deep burns from any contact with the acid or its vapors. EYES: Any contact is likely to cause serious injury, blindness and 3rd degree burns. INGESTION: Extreme irritant to mouth, esophagus and intestinal tissue. Ingestion of significant amount is likely to cause perforation of tissue and can result in death if not promptly

treated. Dangers of this product are largely of acute injury. Chronic injury is expected to manifest as symptoms of acute injury.

PRIMARY ROUTES OF ENTRY-  
Skin, eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
N/I

EMERGENCY FIRST AID PROCEDURES-

EYES or SKIN: Wash contact areas immediately with water for 15 minutes. Lift eyelids open while washing. Neutralize with dampened bicarbonate of soda, see physician immediately.

INHALATION: Remove patient from area. See physician immediately.

INGESTION: DO NOT induce vomiting. Immediately give large amounts of water, milk of magnesia or other mild base. Call physician at once.

SECTION 4 - CHEMICAL DATA

.....

BOILING POINT (F).....: 320	SPECIFIC GRAVITY (WATER=1).....: 1.75
VAPOR PRESSURE (mmHg): 6	PERCENT VOLATILE BY VOLUME (%).: 3-5
VAPOR DENSITY (AIR=1): >1	EVAPORATION RATE (water =1): <1

SOLUBILITY IN WATER-  
greater than 90 per cent

APPEARANCE AND ODOR INFORMATION-

Dark brown syrupy liquid under a clear liquid cap, etheric odor.

SECTION 5 - PHYSICAL HAZARD DATA

-----

FLASH POINT (Method Used): 120 (TCC)      FLAMMABLE LIMITS : Lel=1 %      UEL=6 %

EXTINGUISHING MEDIA-

Carbon Tetrachloride, foam, water (copious amounts).

SPECIAL FIRE FIGHTING PROCEDURES-

Water applied directly to the acid causes evolution of heat and splattering.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

Highly reactive. Can ignite if product comes in contact with oxidizing or reducing materials. Emits toxic fumes if heated. Spatters if water is added to it.

INCOMPATIBILITY (Materials To Avoid)-

Oxidizing or reducing agents, organic Chlorates, carbides, fulminates, picrate

HAZARDOUS DECOMPOSITION PRODUCTS-

Corrosive and toxic sulfurous fumes when heated.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
None known.

IS THE PRODUCT STABLE-  
No.

CONDITIONS TO AVOID FOR STABILITY-  
Metals, alkalis.

SECTION 6 - SPILL OR LEAK PROCEDURES

.....

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-  
Stand away from spill. Wear protective clothing. Absorb with earth, sand, or vermiculite. Place in plastic containers for disposal, Label containers properly. Very small amounts may be diluted with large amounts of water.

WASTE DISPOSAL METHODS-  
Any waste of this material would be considered hazardous. Consult Federal, State and local authorities for the latest rules and alternatives.

SECTION 7 - EXPOSURE CONTROL INFORMATION

-----

VENTILATION-

LOCAL EXHAUST: Hood or fan.  
SPECIAL.....: N/A

MECHANICAL (General): Maintain good vent.  
OTHER.....: Hard Hat

RESPIRATORY PROTECTION-  
Not normally needed.

PROTECTIVE GLOVES-  
Rubber.

OTHER PROTECTIVE EQUIPMENT-  
Eyewash station, safety shower, rubber boots and apron, full face shield.

OTHER ENGINEERING CONTROLS-  
N/ I

WORK PRACTICES-  
This is a dangerous product if safety equipment is not worn and label directions are not followed explicitly. Only responsible, stable personnel should be allowed to use or contact this product.

HYGIENIC PRACTICES-  
N/ I

**SECTION 8 - SPECIAL PRECAUTIONS**  
-----

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-

Store away from oxidizing and reducing chemicals in cool place.  
Handle only in plastic container. Read entire label before using.

MAINTENANCE PRECAUTIONS-

N/A

OTHER PRECAUTIONS-

DANGER: POISON. KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-

Shipping Name: Drain opener (contains Sulfuric Acid) Corrosive Liquid UN-1830  
FOR TRANSPORTATION EMERGENCY ONLY, CALL INFOTRAC 1-800-535-5053. 24 HR/7 DAYS