

**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: 02/14/02  
NJ 07927

PREPARER/CONTACT: Gary Adams, Chemist

LOCATION : Whs 1

TRADE NAME/SYNONYMS...: DISOLV-KSTK  
CHEMICAL NAME/SYNONYMS: Organic Digester  
CHEMICAL FAMILY.....: Alkali Drain Opener  
FORMULA.....: Mixture  
PRODUCT CODE.....: 14-18

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)**

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\* HEALTH..... 3 \*  
\* FLAMMABILITY.. 0 \*  
\* REACTIVITY.... 2 \*  
\* PROTECTION... D \*  
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**SECTION 2 - HAZARDOUS INGREDIENTS**

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
**Causticsoda beads(Sodium Hydroxide)	1310-73-2	95	N/I	1mg/m3
**Aluminum Chips	7429-90-5	5	N/I	N/I
Tracer Dye (Acid Red #14)	3567-69-9	TRACE	N/I	N/E

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

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)-  
EYES: EXTREMELY CORROSIVE contact with eyes can cause permanent damage and blindness. Even dilute solutions pose a substantial risk upon contact with eye  
SKIN: Corrosive. Contact with moist skin can cause severe alkali burns up to 3rd degree burns. Considerable heat is liberated when this material is dissolved in water making the temperature of the water possibly above boilina.

INGESTION: Ingestion may cause severe burns to mouth, esophagus and intestinal tract together with severe gastric distress and possible perforation of the linings of stomach and intestines.

INHALATION: Dissolution of this material in water liberates Hydrogen gas which is flammable and irritating to respiratory linings. There is no gaseous phase in the material as supplied although injury is possible from inhalation of the dust from this product. Avoid breathing dust.

PRIMARY ROUTES OF ENTRY-

Eyes, Skin.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

N/I

EMERGENCY FIRST AID PROCEDURES-

EYES & SKIN: It is very important to flush with water as soon as possible. Immediately flush with water for 15 minutes. Alternately hold eyelids open to ensure flushing the entire surface. Get medical attention at once. Remove any contaminated clothing and launder before reuse.

INGESTION: DO NOT induce vomiting. Immediately give large amount of fruit juice, milk or water. Call physician or poison control center immediately.

INHALATION: Remove to uncontaminated area. Flush affected area with water and get prompt medical attention.

SECTION 4 - CHEMICAL DATA

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BOILING POINT (F).....: N/A	SPECIFIC GRAVITY (WATER=1).....: 1.5
VAPOR PRESSURE (mmHg): N/A	PERCENT VOLATILE BY VOLUME (%): 0
VAPOR DENSITY (AIR=1): N/A	EVAPORATION RATE (water =1): N/A

SOLUBILITY IN WATER-

Complete.

APPEARANCE AND ODOR INFORMATION-

Orange speckled white powder which turns pink on dissolution. Odorless.

SECTION 5 - PHYSICAL HAZARD DATA

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FLASH POINT (Method Used): None. FLAMMABLE LIMITS : Lel=N/A UEL=N/A

EXTINGUISHING MEDIA-

N/A

SPECIAL FIRE FIGHTING PROCEDURES-

Self-contained breathing apparatus. Full body protective equipment. Avoid contact with drainage of this product.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

Reactive with many organic compounds. Reacts violently with water liberating Hydrogen gas which is explosive.

INCOMPATIBILITY (Materials To Avoid)-  
Water, aluminum, zinc, magnesium.

HAZARDOUS DECOMPOSITION PRODUCTS-  
In contact with food products can form Carbon Monoxide, a poison gas.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
None known.

IS THE PRODUCT STABLE-  
No.

CONDITIONS TO AVOID FOR STABILITY-  
Water-liberates Hydrogen gas which can explode.

SECTION 6 - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-  
Remove unnecessary personnel. Sweep up all possible and place in steel or plastic containers for disposal. Flush only small amounts with water.

WASTE DISPOSAL METHODS-  
Consult Federal, State or local authorities. Neutralization after dissolving may be possible. **As** supplied, this is a Hazardous Waste.

SECTION 7 - EXPOSURE CONTROL INFORMATION  
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VENTILATION-	
LOCAL EXHAUST: None needed.	MECHANICAL (General): Explosion proof.
SPECIAL.....: N/A	OTHER.....: Hard Hat.

RESPIRATORY PROTECTION-  
Dust mask.

PROTECTIVE GLOVES-  
Rubber, neoprene.

OTHER PROTECTIVE EQUIPMENT-  
Face shield, splashproof goggles. Safety shower and eyewash. Rubber apron, long sleeves.

OTHER ENGINEERING CONTROLS-  
N/ I

WORK PRACTICES-  
Do not touch face while working with this material.

06-03-02  
CSS-14038

MATERIAL SAFETY DATA SHEET 00105  
CHEM-POWER DIV/FOSTER & CO

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HYGIENIC PRACTICES-  
N/I

SECTION 8 - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-  
Keep dry. Store away from foods and any oxidizing agents.

MAINTENANCE PRECAUTIONS-  
N/A

OTHER PRECAUTIONS-  
Do not use when sweating as the dust will dissolve and cause irritation.  
Wash hands and face immediately after use. KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-  
Shipping Name: Sodium Hydroxide solid, Hazard Class 8, UN-1823,  
Packing Group 11, CORROSIVE label required.  
FOR TRANSPORTATION EMERGENCY ONLY, CALL INFOTRAC 1-800-535-5053, 24 HR/ 7 DAYS