

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: 02/15/02  
NJ 07927  
PREPARER/CONTACT: Gary Adams, Chemist  
LOCATION : Whs 1

TRADE NAME/SYNONYMS...: BOILER ALKALINITY CONTROL  
CHEMICAL NAME/SYNONYMS: Boiler Scale Remover/Preventative  
CHEMICAL FAMILY.....: CAUSTIC SOLUTION  
FORMULA.....: Mixture  
PRODUCT CODE.....: 18-29

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* HEALTH ..... 3 \*  
\* FLAMMABILITY.. 0 \*  
\* REACTIVITY.... 1 \*  
\* 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
Sodium Hydroxide	1310-73-2	45-55	1mg/m3	1mg/m3
Water	7732-18-5	45-55	None	None

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)-  
CORROSIVE: Causes severe burns on contact with eyes, skin. Wear all protective equipment necessary to prevent any contact with this product. Extremely harmful if swallowed. Causes burns to mouth, esophagus and intestinal tract. Reacts with Aluminum and Zinc to liberate Hydrogen which is an irritating, flammable gas.

PRIMARY ROUTES OF ENTRY-  
Eyes, skin.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
N/I

EMERGENCY FIRST AID PROCEDURES-

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN CONTACT: Flush skin with plenty of water, call physician.

IF SWALLOWED: Drink a lot of water. Call a poison control center at once. Do not induce vomiting.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: 215F                      SPECIFIC GRAVITY (WATER=1).....: 1.35  
VAPOR PRESSURE (mmHg): N/I                      PERCENT VOLATILE BY VOLUME (%): N/A  
VAPOR DENSITY (AIR=1): N/I                      EVAPORATION RATE (N/A =1): N/A

SOLUBILITY IN WATER-  
25gm/100gm

APPEARANCE AND ODOR INFORMATION-  
White crystalline solid, no odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): N/A                      FLAMMABLE LIMITS : Lel=N/A    UEL=N/A

EXTINGUISHING MEDIA-  
Not combustible

SPECIAL FIRE FIGHTING PROCEDURES-  
Wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
Reacts vigorously with Aluminum, Zinc and reactive metals releasing Hydrogen which is a flammable, noxious gas. Reacts violently with acids liberating considerable heat.

INCOMPATIBILITY (Materials To Avoid)-  
Avoid reactive metals and acids.

HAZARDOUS DECOMPOSITION PRODUCTS-  
Minor Oxides of Carbon possible.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
N/A



07-29-02  
CSS-14038

MATERIAL SAFETY DATA SHEET 00340  
CHEM-POWER DIV/FOSTER & CO

PAGE 4

OTHER PRECAUTIONS-

KEEP OUT OF REACH OF CHILDREN! Use with adequate ventilation. Wash thoroughly after handling.

ADDITIONAL COMMENTS-

Shipping Name: Sodium Hydroxide, Hazard Class 8, UN-1760,  
Packing Group 111, CORROSIVE label required.

FOR TRANSPORTATION EMERGENCY ONLY, CALL INFOTRAC 1-800-535-5053.