

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...: TANK SAVER  
CHEMICAL NAME/SYNONYMS: Tank and Pipe Anti-Corrosive  
CHEMICAL FAMILY.....: Silicate Corrosion Inhibitor  
FORMULA.....: Mixture  
PRODUCT CODE.....: 18-26

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* HEALTH..... 1 \*  
\* FLAMMABILITY.. 0 \*  
\* REACTIVITY.... 0 \*  
\* PROTECTION.... B \*  
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SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

| CHEMICAL/COMMON NAME      | CAS-NUMBER | %   | PEL-OSHA | TLV-ACGIH |
|---------------------------|------------|-----|----------|-----------|
| Silicic Acid, Sodium Salt | 1344-09-8  | >40 | N/A      | N/E       |
| Water                     | 7732-18-5  | >50 | N/A      | N/A       |

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: Severe irritant, can cause burns with permanent damage.  
INHALATION OR INGESTION: Could cause damage to membranes. This product is not considered hazardous or toxic in dilute form by ingestion.  
SKIN: Concentrate is a moderate skin irritant as the material is alkaline.  
SPECIAL HAZARD: This concentrate dries to a glass-like form which is as dangerous as broken glass. Proper hygiene of wiping or rinsing equipment is essential to avoid cuts.  
No chronic effects considered likely.

PRIMARY ROUTES OF ENTRY-  
Skin and eye, cuts from dry material.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
N/I

EMERGENCY FIRST AID PROCEDURES-

EYES & SKIN: Immediately flush with water for 15 minutes. Hold eyes open to insure thorough flush.

INHALATION: Remove to fresh air, consult physician.

INGESTION: Do not induce vomiting. Give large amounts of water. Get medical attention.

**SECTION 4 - CHEMICAL DATA**

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|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| BOILING POINT (F).....: 214            | SPECIFIC GRAVITY (WATER=1).....: 1.3      |
| VAPOR PRESSURE (mmHg): N/A             | PERCENT VOLATILE BY VOLUME (%)......: >50 |
| VAPOR DENSITY AIR= <sup>^</sup> ): N/A | EVAPORATION RATE (N/I =1): N/I            |

SOLUBILITY IN WATER-  
100% pH-11-12

APPEARANCE AND ODOR INFORMATION-  
Clear to slightly hazy water white viscous liquid with no odor.

**SECTION 5 - PHYSICAL HAZARD DATA**

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

EXTINGUISHING MEDIA-  
Not combustible.

SPECIAL FIRE FIGHTING PROCEDURES-  
N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
None known.

INCOMPATIBILITY (Materials To Avoid)-  
Weak acids cause jelling; Coagulated by brine.

HAZARDOUS DECOMPOSITION PRODUCTS-  
Silicate glass forms upon evaporation. This can be sharp and/or abrasive.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
None known.

IS THE PRODUCT STABLE-  
Yes.

CONDITIONS TO AVOID FOR STABILITY-  
None known,

SECTION 6 - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-  
Stop the leak. Contain by diking. Re-use whatever is salvageable. Absorb remainder and place in steel containers for disposal. Flush or mop residue with water. Keep flush solution out of surface waters.

WASTE DISPOSAL METHODS-  
Consult local, State and Federal authorities. Several disposal avenues are feasible. This material is not an RCRA Hazardous Waste.

SECTION 7 - EXPOSURE CONTROL INFORMATION  
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VENTILATION-  
LOCAL EXHAUST: N/A  
SPECIAL.....: N/A  
MECHANICAL (General): N/A  
OTHER.....: N/A

RESPIRATORY PROTECTION-  
Not normally needed.

PROTECTIVE GLOVES-  
Rubber, neoprene, polyethalene, vinyl.

OTHER PROTECTIVE EQUIPMENT-  
Face shield, splashproof goggles. Eyewash, safety shower.

OTHER ENGINEERING CONTROLS-  
N/I

WORK PRACTICES-  
N/A

HYGIENIC PRACTICES-  
Wash hands before using lavatory facilities or eating.

SECTION 8 - SPECIAL PRECAUTIONS  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-  
Keep container closed to prevent evaporation of water portion.

MAINTENANCE PRECAUTIONS-  
N/A

06-03-02  
CSS-14038

MATERIAL SAFETY DATA SHEET 00156  
CHEM-POWER DIV/FOSTER & CO

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OTHER PRECAUTIONS-

Never put in aluminum, or galvanized containers. KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-

Shipping Name: Corrosive liquids NOS, (Sodium Silicate), Hazard Class 8, UN-1760, Packing Group 11, CORROSIVE label required, FOR TRANSPORTATION EMERGENCY ONLY, CALL INFOTRAC 1-800-535-5053 **24** hr/7 days.