

**Section 1 - Identification**

Product Name: **Foam-Chlor™** A liquid alkaline detergent with bleach. Revised: 6/15/15

<b>Damon Industries, Inc.</b> <b>12435 Rockhill Ave NE</b> <b>Alliance, Ohio 44601</b> <b>U.S.A.</b>	<b>1-800-362-9850</b> <b>1-330-821-5310</b> <b>1-330-821-6355 Fax</b> <b>info@DamonQ.com</b>	<b>24 HOUR EMERGENCY RESPONSE</b> <b>1-800-535-5053 (U.S. &amp; Canada)</b> <b>001-352-323-3500 (International)</b>
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**Section 2 - Hazards Identification**

Hazard categories: Skin Corrosion/Irritation 2; Eye Corrosion/Irritation 2A; Corrosive to metals 1  
 Hazard statements: Causes skin irritation and serious eye irritation.  
 May be corrosive to metals.

Signal word: Warning

Pictogram: Corrosion; Exclamation

Precautionary statements

Prevention

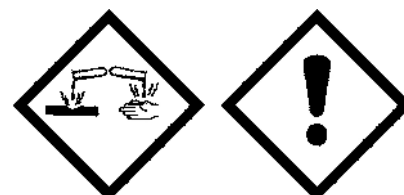
Wash hands thoroughly after handling.  
 Wear protective gloves such as latex. Wear eye protection such as safety glasses with side shields.  
 Keep only in original container.

Response

**IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.  
 Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner.

Disposal: None.



**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	86%
Tetrapotassium pyrophosphate	7320-34-5	4%
Potassium hydroxide	1310-58-3	4%
Sodium hypochlorite	7681-52-9	2%
2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt	68479-09-04	2%
Sodium lauryl sarcosinate	137-16-6	1%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

**Section 4 - First Aid Measures**

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

**Skin Contact:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

**Inhalation:** If affected, move exposed the person to fresh air. If irritation persists get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

**Section 5 - Fire-Fighting Measures**

**Extinguishing Media:** Do not use soda-acid extinguishers.

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** None.

**Section 6 - Accidental Release Measures**

**Steps To Be Taken If Material Is Released Or Spilled:** Spills of 1 gallon or less of the concentrate may be wiped or mopped up. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

## Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Store separate from acids in a cool, well ventilated area. Remove leaking containers.

Contains bleach. Do not mix with other cleaners, especially those containing ammonia or acids, because this could produce a dangerous gas (chlorine). If gas is accidentally produced immediately flush the mixture down a drain with lots of running water if this is safely possible. Immediately open windows, and if gas is irritating to eyes or lungs, leave the immediate area of the accident. The smell of chlorine is not itself hazardous. If the smell is strong enough to cause any symptoms of irritation or nausea it is hazardous. Avoid prolonged breathing of even slight amounts of gas. In many cases evacuation of the building is NOT necessary unless a large quantity of gas was produced. However, any area where irritation occurs to occupants should be evacuated. Re-enter areas only when gas has dissipated or with proper protective equipment. If adequate ventilation is not available to dissipate the gas or more than a small amount of chemical was mixed call 911. Assistance is available through our 24 hour emergency 800 number. Your facility should decide upon the appropriate emergency action plan for accidental release of chlorine as a part of your emergency preparedness plan.

## Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Potassium Hydroxide	1310-58-3	4%	2 mg/m <sup>3</sup> (2)	None	2 mg/m <sup>3</sup> (3,4)
Chlorine gas vapors	7782-50-5	0%	0.5 ppm(3,4)	1 ppm(3,4)	1 ppm(1), 0.5 ppm(2)

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous  
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

**Ventilation:** Good room ventilation. Four air changes per hour should be adequate.

**Respiratory Protection:** None when used as directed.

**Gloves:** Wear neoprene, nitrile or heavy latex gloves. OSHA does not allow the use of disposable latex gloves.

**Eye Protection:** Wear safety glasses with side shields, goggles or a face shield.

**Other Protective Equipment:** A vinyl or rubber apron to protect skin and clothing if splashing is possible. Impervious shoes (not cloth). An eyewash station should be located within 10 seconds travel time.

## Section 9 - Physical and Chemical Properties

<b>Appearance and Odor:</b> Light yellow liquid with chlorine (bleach) odor.	
<b>Odor Threshold:</b> Not Available	<b>Vapor Pressure:</b> Not Available
<b>pH:</b> concentrate 13.8 ± 0.5, 1% solution 12.5 ± 0.5	<b>Vapor Density:</b> Heavier than air
<b>Melting Point:</b> Not Available	<b>Relative Density (Specific Gravity):</b> 1.3
<b>Freezing Point:</b> Not Available	<b>Solubility(ies): Water:</b> 100%
<b>Boiling Point, Initial:</b> 215° F.	<b>Partition coefficient:</b> Not Available
<b>Boiling Range:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point:</b> None. (ASTM D-56 closed cup)	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> Not Applicable	<b>Viscosity:</b> Same as water.-
<b>Flammability: (solid, gas):</b> Not Applicable	<b>Volatiles Percent:</b> 90%
<b>Upper Explosive Limit:</b> None	<b>V.O.C.:</b> 0% - 0 grams/liter
<b>Lower Explosive Limit:</b> None	

## Section 10 - Stability and Reactivity

**Incompatibility:** Acids, ammonia

**Hazardous Decomposition Products:** Chlorine

Examples of products containing acids are bowl cleaners, phenolic disinfectants and de-limer / de-mineralizers. Many window cleaners and floor strippers contain ammonia.

## Section 11 - Toxicological Information

**Primary Routes of Entry:**  Skin contact;  Skin absorption;  Inhalation;  Ingestion

### **Potential Health Effects:**

**Eyes** - causes severe irritation and damage, redness, tearing, blurred vision, may cause blindness.

**Skin** - causes severe irritation. Prolonged contact can cause permanent damage to skin.

**Swallowing** - causes gastrointestinal irritation and burns, nausea, vomiting, diarrhea.

**Breathing** - excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, nausea.

## Section 12 - Ecological Information

Do not dispose of in the environment.

### Section 13 - Disposal Considerations

**Waste Disposal Method:** Up to 1 gallon may be washed to a sanitary sewer with a large amount of water. Larger amounts should be neutralized to within the pH limits of the local sewer authorities and disposed of in the sanitary sewer. Contact Damon Industries for disposal of larger amounts.

### Section 14 - Transport Information

**D.O.T. Hazard Class:** Gallons: ORM-D

Larger: Corrosive Liquid, N.O.S., 8, UN 1760, P.G. II (Contains Potassium Hydroxide And Sodium Hypochlorite)

### Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

### Section 16 - Other Information

**NFPA:** H:3 F:0 I:0      **HMIS® III:** H:3 F:0 P:0      These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 4/28/15. Corrected Skin Corrosion/Irritation 3 to Skin Corrosion/Irritation 2.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.