

**ETOWAH CHEMICAL**  
**SALES & SERVICE**  
P.O. BOX 4416  
GADSDEN, AL 35904-0416  
(800) 848-8541



**N. F. P. A.**  
4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

<b>HEALTH</b>	<b>3</b>
<b>FIRE</b>	<b>0</b>
<b>REACTIVITY</b>	<b>1</b>
<b>PERSONAL PROTECTION</b>	<b>C</b>

## Material Safety Data Sheet

24 Hour Emergency Telephone Number: (800) 535-5053

### SECTION I - IDENTIFICATION

<b>Product Name</b>	<b>SELF FOAMING CHLORINATED CLEANER</b>	<b>Date last Revised</b>	<b>AUG 2009</b>
<b>Chemical Family</b>	ALKALINE CLEANER	<b>Item Number</b>	
<b>Proper D.O.T. Shipping Name</b>	CORROSIVE LIQUID, n.o.s.		
<b>D.O.T. Hazard Classification</b>	8, UN 1760, PG II,(contains Sodium hydroxide and sodium hypochlorite)		

### SECTION II- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
<20	SODIUM HYDROXIDE	2 mg/m3	2 mg/m3	
<10	SODIUM HYPOCHLORITE	NE	NE	7681-52-9
Balance non-hazardous ingredients				

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	225 F	<b>pH (Conc.)</b>	ABOVE 14.0
<b>Solubility In Water</b>	COMPLETE	<b>pH (Use Dilution)</b>	1% 13.5
<b>% Volatility By Weight</b>	<70	<b>Evaporation Rate</b>	N/A
<b>Specific Gravity</b>	1.22	<b>Physical Form</b>	LIQUID
<b>Appearance And Odor</b>	CLEAR, LIGHT YELLOW LIQUID, MUSTY ODOR		

### SECTION IV- FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY

<b>Flash Point</b>	NONE
<b>Extinguishing Media</b>	N/A
<b>Flammable Limits</b>	N/A
<b>Special Fire Fighting Procedures</b>	WEAR SELF-CONTAINED BREATHING APPARATUS OPERATED IN PRESSURE DEMAND MODE.
<b>Unusual Fire and Explosion Hazards</b>	CONCENTRATED PRODUCT CAN REACT WITH ALUMINUM, ZINC, MAGNESIUM AND COPPER TO FORM HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES.

### SECTION V- REACTIVITY DATA

<b>Stability</b>	STABLE
<b>Conditions to Avoid</b>	EXTREME HEAT
<b>Incompatibility</b>	ACIDS, NON-FERROUS METALS, SKIN
<b>Hazardous Decomposition Products</b>	NONE
<b>Hazardous Polymerization</b>	WILL NOT OCCUR

<b>SECTION VI - HEALTH HAZARD</b>	
<b>Routes(s) of Entry</b>	<b>Inhalation?      Yes      Skin?      YES      Ingestion?      NO</b>
<b>Health Hazards (Acute and Chronic)</b>	EYES: CAN CAUSE SEVERE IRRITATION AND BURNS. SKIN: BURNS AND IRRITATION. INGESTION: CAUSES BURNS OF GASTRO-INTENSIONAL TRACT. INHALATION: EXCESSIVE INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION.
<b>Carcinogenicity</b>	<b>NTP?    NO      IARC Monographs?    NO      OSHA Regulated?      NO</b>
<b>Emergency Aid and First Aid Procedures</b>	EYES: FLUSH WITH WATER FOR 15 MINUTES. IF EYE DAMAGE OCCURS, CONSULT AN OPHTHALMOLOGIST. SKIN: FLUSH WITH WATER FOR 15 MINUTES. INHALATION: REMOVE TO FRESH AIR . IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. INGESTION: DO NOT INDUCE VOMITING DILUTE WITH WATER OR MILK. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>	
<b>Spill Response</b>	.CLEAN-UP WORKERS MUST USE PROTECTIVE CLOTHING TO PREVENT BODY CONTACT . PICK UP WITH WET MOP, WET VAC OR ABSORBENT MATERIAL. RINSE FLOOR WITH CLEAR WATER AND ALLOW FLOOR TO DRY BEFORE ALLOWING TRAFFIC.
<b>Waste Disposal Method</b>	DILUTE WITH WATER AND ADJUST pH WITH DILUTE ACID TO A pH BELOW 9.0, THEN FLUSH TO A SANITARY SEWER. DRY MATERIAL MUST BE SENT TO A HAZARDOUS WASTE LANDFILL FOLLOWING LOCAL STATE AND FEDERAL REGULATIONS.
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>Eye Protection</b>	WEAR FACE SHIELDS AND SPLASH GOGGLES.
<b>Skin Protection</b>	WEAR RUBBER GLOVES.
<b>Ventilation</b>	NORMAL ROOM VENTILATION.
<b>Respiratory Protection</b>	NONE REQUIRED IN NORMAL CONDITIONS. WHEN EXCESSIVE MISTS ARE GENERATED ABOVE TLV'S USE A RESPIRATOR.
<b>Other Protection</b>	RUBBER BOOTS AND RUBBER APRONS WHEN HANDLING.
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
<b>Precautions in Handling and Storage</b>	KEEP OUT OF REACH OF CHILDREN. STORE AT ROOM TEMPERATURE . RINSE CONTAINER BEFORE DISCARDING. STORE AWAY FROM ACIDS.
<b>Other Precautions</b>	DO NOT USE UNDILUTED (AT LEAST 100 TO 1) ON ALUMINUM OR LATEX PAINTED SURFACES.
<b>PREPARED BY:    David Brunton, Chemist</b>	
Disclaimer of Liability. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Conforms to OSHA 174 , Sep. 1985.	