

**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>D</b>

## Material Safety Data Sheet

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

### SECTION I - IDENTIFICATION

<b>Product Name</b>	<b>EHA - NOT FOR ALUMINUM PARTS</b>	<b>Date</b>	<b>JANUARY 2009</b>
<b>Chemical Family</b>	<b>ALKALINE DETERGENT VAT STRIPPER</b>	<b>Item Number</b>	<b>ETC-1103</b>
<b>Proper D.O.T. Shipping Name</b>	<b>CORROSIVE SOLID, n.o.s.</b>		
<b>D.O.T. Hazard</b>	<b>8, UN 1759, PG II, CORROSIVE (contains Sodium hydroxide)</b>		

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<b>% By Weight</b>	<b>Material</b>	<b>PEL</b>	<b>T. L. V.</b>	<b>C. A. S. No.</b>
<b>&lt; 85.0</b>	<b>SODIUM HYDROXIDE</b>	<b>2mg/m3</b>	<b>2mg/m3</b>	<b>1310-73-2</b>
	<b>Balance non-hazardous ingredients</b>			

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	<b>ABOVE 500 F</b>	<b>pH (Conc.)</b>	<b>ABOVE 14.0</b>
<b>Solubility In Water</b>	<b>COMPLETE</b>	<b>pH (Use Dilution)</b>	<b>13.5</b>
<b>% Volatility By</b>	<b>&lt;99</b>	<b>Evaporation Rate</b>	<b>NA</b>
<b>Specific Gravity</b>	<b>NA</b>	<b>Physical Form</b>	<b>POWDER</b>
<b>Appearance And</b>	<b>WHITE POWDER, MUSTY ODOR</b>		

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

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

### SECTION V - REACTIVITY DATA

<b>Stability</b>	<b>STABLE</b>
<b>Conditions to Avoid</b>	<b>EXTREME HEAT</b>
<b>Incompatibility</b>	<b>AVOID: NON-FERROUS METALS, SKIN, ACID</b>
<b>Hazardous Decomposition Products</b>	<b>NO DATA</b>
<b>Hazardous Polymerization</b>	<b>WILL NOT OCCUR</b>

<b>SECTION VI - HEALTH HAZARD</b>	
<b>Routes(s) of Entry</b>	<b>Inhalation? NO   Skin? YES   Ingestion? NO</b>
<b>Health Hazards (Acute and Chronic)</b>	EYES: CAUSES IMMEDIATE SEVERE BURNS. SKIN: CAN CAUSE SEVERE IRRITATION AND BURNS. INGESTION: CAUSES BURNS OF GASTRO-INTESTINAL TRACT. INHALATION: EXCESSIVE INHALATION CAN CAUSE NASAL AND RESPIRATORY IRRITATION AND BURNS.
<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 SANITARY SEWER FOLLOWING LOCAL STATE AND FEDERAL REGULATIONS.
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>Eye Protection</b>	WEAR SAFETY GLASSES AND FACE SHIELD..
<b>Skin Protection</b>	NEOPRENE GLOVES
<b>Ventilation</b>	LOCAL EXHAUST VENTILATION.
<b>Respiratory Protection</b>	USE NIOSH APPROVED RESPIRATOR TO PREVENT INHALATION OF DUST..
<b>Other Protection</b>	USE RUBBER BOOTS AND APRONS.
<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 ON ALUMINUM AND LATEX PAINTED SURFACES.
<b>PREPARED BY: David Brunton, Chemist</b>	
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