

**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>2</b> |
| <b>FIRE</b>                | <b>0</b> |
| <b>REACTIVITY</b>          | <b>1</b> |
| <b>PERSONAL PROTECTION</b> | <b>B</b> |

## Material Safety Data Sheet

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

### SECTION I - IDENTIFICATION

|                              |   |                   |                 |
|------------------------------|---|-------------------|-----------------|
| Product Name                 | <b>GS-125</b>   | Date last Revised | <b>AUG 2009</b> |
| Chemical Family              | <b>ALKALINE DETERGENT</b>                             | Item Number       | <b>ETC-1377</b> |
| Proper D.O.T. Shipping Name  | <b>CORROSIVE LIQUID, n.o.s. 100 % BIODEGRADABLE</b>   |                   |                 |
| D.O.T. Hazard Classification | <b>8, UN 1760, PG II, (contains Sodium Hydroxide)</b> |                   |                 |

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| % By Weight | Material  | PEL           | T. L. V.      | C. A. S. No.     |
|-------------|---|---------------|---------------|------------------|
| < 2.0       | <b>SODIUM HYDROXIDE</b>                             | <b>2mg/m3</b> | <b>500</b>    | <b>1310-73-2</b> |
| < 6.0       | <b>2 BUTOXYETHANOL*</b>                             | <b>25 ppm</b> | <b>25 ppm</b> | <b>111-76-2</b>  |
|             | <b>ITEMS MARKED* ARE SARA TITLE III REPORTABLES</b> |               |               |                  |
|             | <b>Balance non-hazardous ingredients</b>            |               |               |                  |

### SECTION III - PHYSICAL DATA

|                        |                                     |                   |                  |
|------------------------|-------------------------------------|-------------------|------------------|
| Boiling Point          | <b>215 DEG. F</b>                   | pH (Conc.)        | <b>13.5</b>      |
| Solubility In Water    | <b>COMPLETE</b>                     | pH (Use Dilution) | <b>1% 11.7</b>   |
| % Volatility By Weight | <b>90 - 95</b>                      | Evaporation Rate  | <b>WATER 1.0</b> |
| Specific Gravity       | <b>1.080</b>                        | Physical Form     | <b>LIQUID</b>    |
| Appearance And Odor    | <b>CLEAR, DARK BLUE, ETHER ODOR</b> |                   |                  |

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

|                                    |   |
|------------------------------------|---|
| Flash Point                        | <b>NONE</b>   |
| Extinguishing Media                | <b>N/A</b>  |
| Flammable Limits                   | <b>N/A</b>  |
| Special Fire Fighting Procedures   | <b>CONCENTRATED PRODUCT CAN REACT W/ALUMINUM, ZINC AND MAGNESIUM TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES.</b> |
| Unusual Fire and Explosion Hazards | <b>NO DATA</b>  |

### SECTION V - REACTIVITY DATA

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

| <b>SECTION VI - HEALTH HAZARD</b>  |  | (PAGE 2 OF GS-125)  |
|--|--|---------------------|
| Routes(s) of Entry   | Inhalation? NO   | Skin? YES           |
|  |  | Ingestion? NO       |
| Health Hazards<br>(Acute and Chronic)  | <p><b>EYES:</b> Can cause irritation, redness and burns.</p> <p><b>SKIN:</b> Can cause irritation and burns.</p> <p><b>INGESTION:</b> Causes burns of gastro-intensional.</p> <p><b>INHALATION:</b> Irritation. excessive inhalation can cause nasal and respiratory</p>   |                     |
| Carcinogenicity  | NTP? NO  | IARC Monographs? NO |
|  |  | OSHA Regulated? YES |
| Emergency Aid and<br>First Aid Procedures  | <p><b>EYES:</b> Flush with water for 15 minutes. If eye damage occurs, consult an ophthalmologist.</p> <p><b>SKIN:</b> Flush with water for 15 minutes, get medical attention if irritation persists.</p> <p><b>INHALATION:</b> Remove to fresh air . If breathing is difficult administer oxygen.</p> <p><b>INGESTION:</b> Do not induce vomiting dilute with water or milk. Call a physician. Never give anything by mouth to an unconscious person.</p> |                     |
| <b>SECTION VII - SPILL OR LEAK PROCEDURES</b>  |  |                     |
| Spill Response   | <p>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.</p>   |                     |
| Waste Disposal<br>Method   | <p><b>SMALL SPILLS:</b><br/>DILUTE WITH WATER AND ADJUST pH WITH DILUTE ACID TO A pH BELOW 9.0, THEN FLUSH TO SANITARY SEWER OR SEND TO A LANDFILL FOLLOWING LOCAL STATE AND FEDERAL REGULATIONS.</p>  |                     |
| <b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>   |  |                     |
| Eye Protection   | WEAR SAFETY GLASSES CHEMICAL SPLASH GOGGLES.   |                     |
| Skin Protection  | WEAR NEOPRENE GLOVES.  |                     |
| Ventilation  | NORMAL ROOM VENTILATION.   |                     |
| Respiratory<br>Protection  | NONE REQUIRED IN NORMAL CONDITIONS. WHEN EXCESSIVE MISTS ARE GENERATED ABOVE TLV'S USE A RESPIRATOR.   |                     |
| Other Protection   | RUBBER BOOTS AND RUBBER APRONS WHEN HANDLING.  |                     |
| <b>SECTION IX - SPECIAL PRECAUTIONS</b>  |  |                     |
| Precautions in<br>Handling and Storage   | Keep out of reach of children. Store at room temperature . rinse container before  |                     |
| Other Precautions  | DO NOT USE UNDILUTED (AT LEAST 20 TO 1) ON ALUMINUM AND LATEX  |                     |
| <b>PREPARED BY:</b>  | <b>David Brunton, Chemist</b>  |                     |
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