

National Fire Protection  
Association(NFPA)

|             |   |
|-------------|---|
| Health      | 3 |
| Fire Hazard | 0 |
| Reactivity  | 0 |

Hazardous Material  
Information System  
(HMIS)

|             |   |
|-------------|---|
| Health      | 3 |
| Fire Hazard | 0 |
| Reactivity  | 0 |

**SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

|                   |                                       |
|-------------------|---------------------------------------|
| Product Name----- | 5% SA HIGHLIGHTER                     |
| Product Use:      | Industrial cleaner and etchant agent. |
| MSDS#             | 1213133                               |
| PART#             | 10346                                 |

|                            |   |
|----------------------------|---|
| PERSONAL PROTECTION        | H |
| SPLASH GOGGLES, GLOVES     |   |
| APRON AND VAPOR RESPIRATOR |   |
| Print Date-11/08/13        |   |

Co. Name and Address:

Custom Chemical Corporation

13 D &amp; E Dudley Dr.

Roebuck, SC 29376

PH- (864)-595-8872

Fax-(864)-595-8873

24 EMERGENCY MEDICAL PHONE NUMBER (864) 680-4327

**SECTION 2. HAZARDOUS COMPONENTS - IDENTITY AND EXPOSURE LIMITS**

| Ingredients   | CAS #     | %  | Exposure Limits                 | LC50/LD50   |
|---------------|-----------|----|---------------------------------|---|
| Sulfuric Acid | 7664-93-9 | 5  | OSHA PEL 4ppm<br>ACGIH TLV 4ppm | Oral LD 50: 700mg/kg rat<br>Dermal LD 50: >>5000g/kg rabbit |
| DI Water      | 7789-20-0 | 95 |                                 |   |

**SECTION 3. HAZARDS IDENTIFICATION**

Potential Acute Health Effects

| PRECAUTION                                    | ROUTES OF ENTRY |   |
|---|-----------------|---|
| Safety Glasses                                | Eyes            | Exposure to eyes will cause pain, tear production, excess redness and chemical burns to the cornea. |
| Gloves  | Skin            | Acute effects of skin contact include local redness, itching and discomfort.                        |
| Ventilation                                   | Inhalation      | Repeated or prolonged inhalation will cause irritation, burns to the nose, throat, and lungs.       |
| Out of reach                                  | Ingestion       | Ingestion will cause burns and tissue damage to mouth and esophagus resulting in serious injury.    |
| Medical Condition Aggravated by Overexposure: |                 | NONE  |

**SECTION 4. FIRST AID MEASURES**

|              |   |
|--------------|---|
| Eye Contact  | Flush Immediately with plenty of water. Get Medical attention if irritation occurs. |
| Skin Contact | Flush Immediately with plenty of water. Get Medical attention if irritation occurs. |
| Inhalation   | Move to well ventilated area. Get medical attention if irritation persists.         |
| Ingestion    | Get medical attention immediately. DO NOT INDUCE VOMITING.                          |

**SECTION 5. FIRE FIGHTING METHODS** PRODUCT IS NOT COMBUSTIBLE.

|                                      |   |
|--------------------------------------|---|
| Flammability of the product          | None  |
| Flash Point                          | None  |
| Combustion of the product            | None  |
| Fire Fighting Media and Instructions | Extinguish with water spray or carbon dioxide, dry chemical powder or foam. |

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

|  |  |
|--|--|
| Personal Precautions                           | See section 8.   |
| Environmental Precautions and clean-up methods | In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use water rinse for final clean-up. |

#### SECTION 7. HANDLING AND STORAGE

|          |   |
|----------|---|
| Handling | Avoid contact with skin and eyes.   |
| Storage  | Store in a Cool Dry Place that is well ventilated. Protect from Freezing.<br>KEEP OUT OF REACH OF CHILDREN. |

#### SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

|                      |  |
|----------------------|--|
| Engineering Controls | Always Use in a well ventilated area.                      |
| Personal Protection  | <b>H - GLOVES, SPLASH GOGGLES, APRON, VAPOR RESPIRATOR</b> |
| Eyes                 | Always wear safety glasses when using cleaning agents.     |
| Hands                | Always wear rubber gloves when using cleaning agents.      |
| Respiratory          | Always use cleaning agents with adequate ventilation.      |
| Feet                 | No special requirements                                    |
| Body                 | No special requirements                                    |

#### Section 9. PHYSICAL / CHEMICAL CHARACTERISTICS

|                            |                                     |
|----------------------------|-------------------------------------|
| BOILING POINT              | SPECIFIC GRAVITY (H2O = 1)          |
| NONE                       | 1.31                                |
| VAPOR PRESSURE (mm Hg.)    | MELTING POINT                       |
| (AT 77 °F.) Not determined | Not Determined                      |
| VAPOR DENSITY (Air = 1)    | EVAPORATION RATE                    |
| Greater than 1.0           | Not Determined                      |
| SOLUBILITY IN WATER        | VOLATILE ORGANIC COMPOUNDS (V.O.C.) |
| Complete                   | Not Determined                      |
| APPEARANCE AND ODOR        | Ph:                                 |
| Very Slight Sulfuric Odor  | NA                                  |

#### SECTION 10. STABILITY AND REACTIVITY

|   |  |
|---|--|
| Stability and Reactivity                | Material is stable at standard temperatures and pressures.   |
| Conditions of instability               | Incompatible materials   |
| Incompatibility with various substances | Avoid contact with strong oxidizing agents, strong reducing agents, reactive metals bases, sulfur trioxide and phosphorus pentoxide. |
| Products hazardous polymerization       | Hazardous polymerization will not occur at standard temperatures and pressure.   |

#### SECTION 11. TOXICOLOGICAL INFORMATION

|                             |                |                          |        |
|-----------------------------|----------------|--------------------------|--------|
| Acute toxicity              | ACGIH TLV 4ppm | Dermal LD 50: >>5000g/kg | rabbit |
| Effects of chronic exposure | Corrosive      |                          |        |

#### SECTION 12. ECOLOGICAL INFORMATION

|               |
|---------------|
| Not available |
|---------------|

#### SECTION 13. DISPOSAL CONSIDERATIONS

|                   |   |
|-------------------|---|
| Waste information | No special precautions. Always dispose of according to federal and state regulations. |
|-------------------|---|

#### SECTION 14. TRANSPORTATION INFORMATION

|                       |    |        |
|-----------------------|----|--------|
| DOT Classification    | 8  | UN1760 |
| Packing group number: | II |        |

#### SECTION 15. REGULATORY INFORMATION

|  |   |
|--|---|
| Reporting in section 15 is based in information on product ingredients |   |
| US Regulations   | This product is not regulated to reporting requirements under proposition 65. |

#### SECTION 16. OTHER INFORMATION

##### To the Reader:

This MSDS sheet has been prepared using sources from the manufacturer/supplier of the ingredients. This is not a warranty. All liability is beyond the seller's/supplier's control. User is responsible for the use, handling, and storage of this product and must comply with all Federal and State laws and regulations.