

National Fire Protection Association(NFPA)

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|-------------|---|
| Health | 2 |
| Fire Hazard | 3 |
| Reactivity | 2 |

Hazardous Material Information System (HMIS)

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| Health | 2 |
| Fire Hazard | 3 |
| Reactivity | 2 |

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|-------------------|---------------------------------------|
| Product Name----- | 5% HCL HIGHLIGHTER |
| Product Use: | Industrial cleaner and etchant agent. |
| MSDS# | 1213131 |
| PART# | 10345 |

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

Co. Name and Address:

Custom Chemical Corporation
13 D & 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 |
|-------------------|-----------|----|----------------------------------|---|
| Hydrochloric Acid | 7647-01-0 | 5 | OSHA PEL. 4ppm ACGIH TLV 4ppm | Oral LD 50: 700mg/kg rat Dermal LD 50: >>5000g/kg rabbit |
| Ethyl Alcohol | 64-17-5 | 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 Agrivated by Overexposure: | | NONE |

SECTION 4. FIRST AID MEASURES

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| 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 immediateley. DO NOT ENDUSE VOMITING. |

SECTION 5. FIRE FIGHTING METHODS PRODUCT IS NOT COMBUSTIBLE.

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| 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. |

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| 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

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

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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|----------------------|--|
| Engineering Controls | Always Use in a well ventilated area. |
| Personal Protection | H - GLOVES, SPLASH GOGGLES, APRON, VAPOR RESPIRATOR |
| 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

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| BOILING POINT | SPECIFIC GRAVITY (H2O = 1) |
| NONE | 1.31 |
| VAPOR PRESSURE (mm Hg.) (AT 77 F.) Not determined | MELTING POINT |
| | 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: |
| MILD LIGHT CAUSTIC ODOR | NA |

SECTION 10. STABILITY AND REACTIVITY

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| 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

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

SECTION 12. ECOLOGICAL INFORMATION

Not available

SECTION 13. DISPOSAL CONSIDERATIONS

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|-------------------|---|
| Waste information | No special precautions. Always dispose of according to federal and state regulations. |
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SECTION 14. TRANSPORTATION INFORMATION

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|-----------------------|----|--------|
| 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.