SAFETY DATA SHEET

SECTION I: IDENTIFICATION

Product: CT 9835

Description: Acid Cleaner

Company Identification:
Chemtech, Inc.
1621 N. 1st St.
Winterset, IA 50273
Phone: 888-570-5333
Website: www.chemtechus.com

Company Emergency Telephone Number: CHEMTREC 1-800-424-9300

SECTION II: HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION

Acute Toxicity - Harmful if swallowed. - Category 4 - H302

Eye Damage / Eye Irritation: Causes serious eye damage. - Category 1 - H318

Corrosive to Metals: May be corrosive to metals. - Category 1 - H290

GHS LABEL ELEMENTS

Signal Word: **Danger**

Hazard Pictograms:

Hazard Statements:
Harmful if swallowed. -H302
Causes serious eye damage. - H318
May be corrosive to metals. - H290

PRECAUTIONARY STATEMENTS

Prevention:
Avoid breathing dust/fumes/gas/mist/vapors/spray. - P261
Wash thoroughly after handling. - P264
Do not eat, drink or smoke when using this product. - P270
Use only outdoors or in a well-ventilated area. - P271
Wear protective gloves/protective clothing/eye protection/face protection. - P280

Response:
IF SWALLOWED: Call a POISON CONTROL CENTER or doctor/physician if you feel unwell. - P301+312
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/ shower. - P303+361+353
IF INHALED: Call a POISON CONTROL CENTER or doctor/physician if you feel unwell. - P304+312
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. - P305+351+338
Immediately call a POISON CONTROL CENTER or doctor/physician. - P310
Rinse mouth. - P330
Do NOT induce vomiting. - P331
Move victim to fresh air and keep at rest in a position comfortable for breathing. - P340
Wash contaminated clothing before reuse. - P363

Eyes: Causes serious eye damage. - H318

Ingestion: Harmful if swallowed. -H302

Spill:
Stop leak if safe to do so. - P376
Absorb spillage to prevent material damage. - P390

Storage:
Store in a well ventilated place. Keep container tightly closed. - P403+233
Store locked up. - P405

Disposal: Dispose of contents/container in accordance with local/national regulations. - P501

Hazards Not Classified: Not applicable.

Additional Information: Not applicable.

SECTION III: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight - %
Urea Monohydrochloride	506-89-8	30-60%

Specific chemical identity and/or exact percentage of mixture has been withheld as a trade secret.

SECTION IV: FIRST AID MEASURES

Eye Contact: Rinse continuously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Inhalation: If over exposure occurs, and respiratory symptoms occur, move victim away from exposure and into fresh air. Oxygen should be administered if breathing difficulties develop. Seek immediate medical attention.

Ingestion: If ingested do not induce vomiting. Give water or milk of magnesia. Never give anything to an unconscious person. Do not leave victim unattended. Get immediate medical attention.

Note to Physicians:

SYMPTOMS OF EXPOSURE

Eye Contact: Corrosive, causes eye burns. Direct eye contact with product may cause redness, tearing and stinging.

Skin Contact: Corrosive, causes burns with contact.

Inhalation: Corrosive, breathing high concentrations of vapors or mists causes irritation of the nose and throat, dizziness, weakness, fatigue, nausea, headache.

Ingestion: Corrosive, ingestion can cause immediate pain and burns to the mouth, throat, esophagus and gastrointestinal tract. May cause nausea, vomiting and diarrhea.

Comments: If exposure and symptoms occur seek immediate medical attention.

SECTION V: FIRE-FIGHTING MEASURES

Extinguishing Media: Flood with water, dry chemical powder, CO_2 or alcohol foam.

Specific Hazards from the Chemical: At temperatures above 140 degrees F acid action on most metals may release hdrogen, highly flammable and explosive gas.

Hazardous Decomposition Products: The following may include, carbon dioxide, carbon monoxide, nitrogen oxides, hydrochloric acid.

Protective Equipment / Precautions for Firefighters: No special measures required.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Put on appropriate personal protective equipment (see Section 8).

Environmental Precautions: Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using the toilet. Promptly remove any soiled clothing and wash thoroughly before reuse.

Methods for Cleaning Up: Precautions in case of a spill: Absorb spill with inert material, place in a chemical waste container, then neutralize with soda ash or lime. For large spills, dike and isolate spill for later disposal, neutralize with soda ash or lime. Immediate clean up of any spill is recommended. Dispose of in accordance with local, state and federal regulations. Contain, dilute cautiously with water, and neutralize with soda ash or lime.

SECTION VII: HANDLING AND STORAGE

Precautions for Safe Handling: See Section 2 for further details (Prevention).

Conditions for Safe Storage, Including any Incompatibilities: Storage facilities must be properly designed. Use dikes to contain any spillage. Store between 40^0 F and 140^0 F.

Incompatible Materials: Contact with metal oxides, hydroxides, amines, carbonates and other alkaline metals. Strong alkaline material, will attack most metals. Avoid contact with glass.

Safe Storage: Store in unopened container under cool and dry conditions. Keep out of direct sunlight. Do not rinse or reuse empty container. Do not store with or near strong bases. See Section 2 for further details (Storage).

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: None established.

Engineering Controls: Forced Mechanical Exhaust recommended. Eye wash station should be available. Fresh water supply should be available. Use good personal hygiene practices.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Eye/Face Protection: Chemical splash goggles.

Skin/Body Protection: Chemical resistant gloves. Full acid resistant clothing and boots recommended.

Respiratory Protection: Do not inhale vapors. Engineering or administrative controls should be implemented to reduce exposure. Use NIOSH recommended respirator if needed.

General Hygiene: Wash hands before eating, drinking, smoking or using the toilet. Promptly remove any contaminated clothing and thoroughly wash before reuse.

See Section 2 for further details (Prevention).

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Color	Liquid / Clear Yellow
Odor	Mild
pH	1.0
Melting Point / Freezing Point	No information available
Boiling Point / Boiling Range	> 212^0 F
Flash Point	> 100^0 C / > 212^0 F
Evaporation Rate	No information available
Flammability (Solid, gas)	No information available
Upper Flammability Limit	No information available
Lower Flammability Limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	1.14
Solubility(ies)	No information available
Partition Coefficient	No information available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available

SECTION X: STABILITY AND REACTIVITY

Reactivity: Hazardous polymerization will not occur.

Chemical Stability: Stable under normal circumstances.

Possibility of Hazardous Reaction: No data available.

Conditions to Avoid: Avoid heat and direct sunlight. Self contained breathing apparatus should be used to prevent inhalation of gases. Water fog will be the most effective for controlling vapors.

Incompatible Materials: Contact with metal oxides, hydroxides, amines carbonates and other alkaline metals. Strong alkaline material, will attack most metal. Avoid contact with glass.

Hazardous Decomposition: Highly corrosive to many materials. Hydrogen gas formed on contact with most metals. HCl vapors emitted when heated. Chlorine gas may be formed by electrolysis or oxidation.

SECTION XI: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Component Acute Toxicity:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
BJSI	1120.9mg/kg (Rat)		

* When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimated was used in the calculation of the products ATE (Acute Toxicity Estimate).

Likely Routes of Exposure: Mild Skin Irritant, Eye corrosive

SYMPTOMS OF EXPOSURE

Eye Contact: Causes serious eye damage.

Skin Contact: Irritation

Inhalation: Harmful if inhaled.

Ingestion: Irritating to mouth, throat and stomach.

IMMEDIATE, DELAYED, CHRONIC EFFECTS

Target Organ Effects: Eyes, Resiratory System, Skin.

Carcinogenicity: No components present at 0.1% or greater are listed to be carcinogens by ACGIH, IARC,NTP, or OSHA.

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical Name	Algae/Aquatic Plants	Fish	Microtoxicity	Crustacea
BJSI				71 mg/l, 48 hrs

Persistence and Degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

SECTION XIII: DISPOSAL CONSIDERATIONS

Disposal of Waste: Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

SECTION XIV: TRANSPORT INFORMATION

DOT: Non-Regulated

UN/ID #:

Proper Shipping Name:

Hazard Class:

Packing Group:

SECTION XV: REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory):

All chemical components in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313: This product does not contain listed substances above the "de minimus" level.

SARA 311/312 Hazard Categories: None listed

EPCRA 302 Extremely Hazardous: None listed
EPCRA 313 Toxic Chemicals: None listed

Acute Health Hazard: Yes

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

California Proposition 65: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

SECTION XVI: OTHER INFORMATION

Issue Date: 06/01/15

Version #: 1

HAZARD RATINGS:

NFPA:	Health: 2	Flammability: 0	Instability: 0
HMIS:	Health: 2	Flammability: 0	Physical Hazards: 0

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