Medical Chemical Corp.
19430 Van Ness Ave.
Torrance, CA 90501
Customer Service: Phone (310)787-6800, (800)424-9394
FAX (310)787-4464
CHEMTREC Emergency Response Telephone Number: (800)424-9300
Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure or accident. Please
direct all other inquiries to our customer service phone number.

Section 1 - Product Identification
An aqueous solution of various amino acids.

Section II - Composition/Information on Components

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>OSHA Pel</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>The formula is proprietary</td>
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</table>

Section III - Hazards Identification
Overview: May be harmful if swallowed. May be irritating to skin and eyes.

Safety Ratings

Health: Slight  Flammability: None  Reactivity: None  Contact: Slight
Recommended safety equipment: safety goggles, lab coat and proper gloves
Storage: General storage
NFPA Ratings
Health = 0  Flammability = 0  Reactivity = 0

Potential Health Effects

The toxicology of this mixture has not been completely examined. It is presumed that the toxicity of this item is similar to
other amino acids.
Inhalation: May be irritating
Ingestion: While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.
Skin contact: Not normally a problem
Eye contact: May be irritating
Chronic Exposure: Unknown
Aggravation of preexisting conditions: Unknown

Section IV - First Aid Measures

Inhalation: Unlikely to be a problem. Remove from source of exposure and get medical attention for any breathing difficulty.
Ingestion: If the victim is conscious, induce vomiting. Never give anything by mouth to an unconscious person.
Skin Contact: Wash affected area with soap and water. Get medical advice if irritation develops.
Eye Contact: Rinse thoroughly with running water. Get medical advice if irritation develops.
Section V - Fire Fighting Measures

*Flash point:* Not applicable.
*Flammable Limits (for ethanol):* Not applicable.
*Fire:* Not normally a fire Hazard,
*Explosion:* Not Normally an explosion hazards.
*Fire Extinguishing Media:* Any means suitable for surrounding fire.  
*Special information:* Pyrolysis will release corrosive oxides.

Section VI - Accidental Release Measures

Absorb with a suitable absorbent (such as paper towels) and store in a suitable container for disposal.

Section VII - Handling and Storage

Store in a closed container, protected from freezing.

Section VIII - Exposure Control/Personal Protection

*Airborne Exposure Limits:* See section II

*Ventilation System:* Usually not required. When required, Refer to the ACGIH document, “Industrial Ventilation, a Manual of Recommended Practices” for details about ventilation.

*Personal Respirator:* Usually not required. In case of emergency, or when exposure levels are unknown, use a positive pressure, full face piece, air supplied respirator.

*Skin protection:* Protective gloves are not required but recommended as part of good laboratory practice.

*Eye Protection:* Laboratory safety goggles or similar products are not required but recommended as part of good laboratory practice.

Section IX - Physical and Chemical Properties

*Boiling Point:* 100°C  
*Density:* 1.0 g/ml  
*Vapor pressure (mm Hg):* 18 @ 20°C  
*Vapor Density (air = 1):* 0.6  
*Evaporation Rate (water = 1):* 1  
*Vapor Density (air = 1):* 0.6  
*Solubility:* Infinitely miscible with water  
*Appearance and Odor:* A clear, colorless liquid.

Section X - Stability and Reactivity

*Stability:* Freezes at low temperature.  
*Hazardous Decomposition Products:* Nothing unusual.  
*Hazardous polymerization:* Will not occur.  
*Incompatibilities:* Nothing unusual.  
*Conditions to avoid:* Excessive cold/heat and light.

Section XI - Toxicological Information

None relating to normal exposure.

Section XII - Ecological Information

*Environmental Fate:* Biodegradable  
*Environmental Toxicity:* None

Section XIII - Disposal

Waste disposal is usually not restricted but local ordinances vary. Insure compliance with all government regulations.
Section XIV - Transportation Information

Not Regulated

Section XV - Regulatory Information

Chemical Inventory Status

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TSCA</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
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Federal, State and International Regulations

<table>
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<tr>
<th>Ingredient</th>
<th>SARA 302</th>
<th>SARA 313</th>
<th>RCRA</th>
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<tbody>
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<td>8(D)</td>
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</tbody>
</table>

Chemical Weapons Convention: Not applicable
SARA 311/312: Not applicable

Section XVI - Other Information

This information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.
Revision Date: Mar. 15, 2015