Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Trade Name: Aluminum Test 1
Part #: RE2007
CAS #: 569-58-4

Manufacturer: Haztech Systems, Inc.
PO Box 929
Mariposa, CA 95338

Commercial Name: Aluminon

Synonyms

Chemical Formula: C22H23N3O9

Supplier: Spectrum Chemical Mfg. Corp.
14422 S. San Pedro St.
Gardena, CA 90248

Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>TWA (mg/m3)</th>
<th>STEL</th>
<th>CEIL (mg/m3)</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aurin tricarboxylic acid</td>
<td>569-58-4</td>
<td></td>
<td></td>
<td></td>
<td>&lt;1%</td>
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</tbody>
</table>

Toxicological Data on Ingredients: Not applicable.

Section 3. Hazards Identification

Potential Acute Health Effects: Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects: Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.
Section 4. First Aid Measures

Eye Contact
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin Contact
Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

Inhalation
If inhaled, remove to fresh air.

Ingestion
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Section 5. Fire and Explosion Data

Flammability
Non-flammable. Aquious solution
464°C (867.2°F)

Auto-Ignition Temperature
Not available.

Flash Point
Not available.

Flammable Limits
Not available.

Products of Combustion
Not available.

Fire Hazards in Presence of Various Substances
Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.

Explosion Hazards in Presence of Various Substances
Not available.

Fire Fighting Media and Instructions
Aquious solution.

Special Remarks on Fire Hazards
Not available.

Section 6. Accidental Release Measures

Small Spill
Use appropriate absorbent and put the spilled liquid in a waste disposal container.

Section 7. Handling and Storage

Precautions
Do not ingest. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage
Keep in HazCat Kit.

Section 8. Exposure Controls/Personal Protection

Engineering Controls
Use in a well ventilated area.

Personal Protection
Gloves and goggles.
Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Physical State and Appearance</td>
<td>Clear red liquid</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Easily soluble in cold water.</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
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<tr>
<td>Molecular Weight</td>
<td>Not available</td>
<td>Odor Threshold</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (1% Solution in Water)</td>
<td>7</td>
<td>Water/Oil Dist. Coeff.</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
<td>Ionicity (in Water)</td>
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<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
<td>Dispersion Properties</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Critical Temperature</td>
<td>Not available</td>
<td>Solubility</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not available</td>
<td>Odor</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
<td>Taste</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available</td>
<td>Color</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
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Section 10. Stability and Reactivity Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Corrosivity</th>
<th>Special Remarks on Corrosivity</th>
<th>Polymerization</th>
<th>Will not polymerize.</th>
</tr>
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<tbody>
<tr>
<td>Stability</td>
<td>Product is stable.</td>
<td>Not available</td>
<td>Special Remarks on Corrosivity</td>
<td>Not available</td>
<td>Not available.</td>
</tr>
<tr>
<td>Instability Temperature</td>
<td>Not available.</td>
<td>Special Remarks on Corrosivity</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Not available.</td>
<td>Special Remarks on Corrosivity</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available.</td>
</tr>
<tr>
<td>Incomatability with Various Substances</td>
<td>Not available.</td>
<td>Special Remarks on Corrosivity</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Ingestion.</th>
<th>LD50: Not available.</th>
<th>LC50: Not available.</th>
<th>Slightly hazardous in case of skin contact (irritant), of inhalation.</th>
<th>Not available.</th>
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</thead>
<tbody>
<tr>
<td>Route of Entry</td>
<td></td>
<td>Ingestion.</td>
<td>LD50: Not available.</td>
<td>LC50: Not available.</td>
<td>Slightly hazardous in case of skin contact (irritant), of inhalation.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Toxicity to Animals</td>
<td></td>
<td>Ingestion.</td>
<td>LD50: Not available.</td>
<td>LC50: Not available.</td>
<td>Slightly hazardous in case of skin contact (irritant), of inhalation.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Chronc Effects on Humans</td>
<td></td>
<td>Ingestion.</td>
<td>LD50: Not available.</td>
<td>LC50: Not available.</td>
<td>Slightly hazardous in case of skin contact (irritant), of inhalation.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other Toxic Effects on Humans</td>
<td></td>
<td>Ingestion.</td>
<td>LD50: Not available.</td>
<td>LC50: Not available.</td>
<td>Slightly hazardous in case of skin contact (irritant), of inhalation.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Toxicity to Animals</td>
<td></td>
<td>Not available.</td>
<td>LD50: Not available.</td>
<td>LC50: Not available.</td>
<td>Slightly hazardous in case of skin contact (irritant), of inhalation.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Chronic Effects on Humans</td>
<td></td>
<td>Not available.</td>
<td>LD50: Not available.</td>
<td>LC50: Not available.</td>
<td>Slightly hazardous in case of skin contact (irritant), of inhalation.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Other Toxic Effects on Humans</td>
<td></td>
<td>Not available.</td>
<td>LD50: Not available.</td>
<td>LC50: Not available.</td>
<td>Slightly hazardous in case of skin contact (irritant), of inhalation.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

Section 12. Ecological Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Not available.</th>
<th>Possibly hazardous short term degradation products are not likely. However, long term degradation products mayarise.</th>
<th>The products of degradation are more toxic.</th>
<th>Not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecotoxicity</td>
<td></td>
<td>Not available.</td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products mayarise.</td>
<td>The products of degradation are more toxic.</td>
<td>Not available.</td>
</tr>
<tr>
<td>BOD5 and COD</td>
<td></td>
<td>Not available.</td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products mayarise.</td>
<td>The products of degradation are more toxic.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Products of Biodegradation</td>
<td></td>
<td>Not available.</td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products mayarise.</td>
<td>The products of degradation are more toxic.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Toxicity of the Products of Biodegradation</td>
<td></td>
<td>Not available.</td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products mayarise.</td>
<td>The products of degradation are more toxic.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on the Products of Biodegradation</td>
<td></td>
<td>Not available.</td>
<td>Possibly hazardous short term degradation products are not likely. However, long term degradation products mayarise.</td>
<td>The products of degradation are more toxic.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
Section 13. Disposal Considerations

Waste Disposal Recycle to process, if possible. Consult your local or regional authorities.

Section 14. Transport Information

DOT Classification Not a DOT controlled material (United States).

Identification Not applicable.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations TSCA 8(b) inventory: Aurin tricarboxylic acid

California Proposition 65 Warnings

Other Regulation

Other classifications WHMIS (Canada) Not controlled under WHMIS (Canada).

DSCL (EEC) This product is not classified according to the EU regulations.

Section 16. Other Information

Part Number(s) RE2007

References Not available.

Other Special Considerations Not available.

Validated by R. Houghton 5/13/02

Verified by R. Turkington

Call 1-800-543-5487

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user’s responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Haztech Systems, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.