ACID Magic®
The User Friendly Muriatic Acid™*

*ACID Magic should not be used to aid or effect any pool disinfectant product or other water modifier.

Product Number: USA

Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

1. Identification
   Product Name: ACID Magic®
   Chemical Name: Blend

2. Hazards

3. Physical Data
   Appearance: Clear to yellowish liquid
   Odor: Slightly pungent
   Solubility in Water by Wt.: Complete
   Boiling Point: Approximately 212°F (100°C)
   Freezing Point: Below -58°F (-50°C)
   Vapor Density (Air=1): > 1
   Evaporation Rate (BuAc=1): < 1
   Specific Gravity: 1.11 @ 68°F (20°C)
   pH Concentrate: Less than 1

4. Fire and Explosion Hazard
   Flash Point: No data
   Flammable Limits in Air: No data
   Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective equipment.
   Unusual Fire and Explosion Hazards: Product is corrosive and produces hydrogen chloride fumes when heated. May react with many metals liberating hydrogen gas, which can form explosive mixtures.
   Extinguishing Media: Dry chemical, foam, water or carbon dioxide

5. Health Hazard Data

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>OSHA/ PEL</th>
<th>ACGIH/ TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>5 ppm</td>
<td>5 ppm</td>
</tr>
</tbody>
</table>

Effect of Overexposure:
   Swallowing: May be fatal if ingested. May cause severe burns to mouth, throat, and gastrointestinal tract.
   Skin Contact: No effect for healthy, intact skin. May cause irritation.
   Inhalation: Overexposure will cause irritation or burns to respiratory tract.
   Eye Contact: Corrosive. May cause redness, burns, and irreversible damage to eye.

Carcinogenicity:
   NTR: No
   IARC: No
   OSHA: No
Chemical Warning Label - Certol International, LLC
ACID Magic®
No wall reference is necessary

Product Name: ACID Magic®
Hazardous Chemicals: Hydrochloric acid
Personal Protection: Gloves, safety glasses, safety goggles, and/or face shield depending on application

ROUTE OF ENTRY
✓ Inhalation
✓ Ingestion
✓ Skin/eye absorption

TARGET ORGAN EFFECTS
✓ Respiratory
✓ Heart
✓ Kidney
✓ Eyes
✓ Skin
✓ Prostate
✓ Blood
✓ Liver
✓ CNS
✓ Other

HEALTH HAZARD
✓ Irritant
✓ Carcinogen
✓ Toxic
✓ Sensitizer
✓ Normal Material

FIRE HAZARD
☐ Below 73ºF (23ºC)
☐ Below 100ºF (38ºC)
☐ Above 100ºF (38ºC) & not > 200ºF (93ºC)
☐ Above 200ºF (93ºC)
☐ Will not burn

PHYSICAL HAZARD
☐ Oxidizer
✓ Acid
☐ Alkali
✓ Corrosive
☐ Use no water
☐ Radioactive

REACTIVITY
☐ May detonate
☐ Shock and heat may detonate
☐ Violent chemical change
✓ Unstable if heated
☐ Stable

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.