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 I - Product Identification
An aqueous solution of gold chloride.

Section II - Hazards Identification
Warning. Harmful if swallowed. Wash thoroughly after handling. Do not eat drink or smoke while using this product. If swallowed, rinse mouth with water and call a poison center.

Safety Ratings
Health: Hazardous  Flammability: None  Reactivity: None  Contact: Slight
Recommended safety equipment: safety goggles, lab coat and proper gloves
Storage: General storage
NFPA Ratings
Health = 2  Flammability = 0  Reactivity = 0

Potential Health Effects
The toxicology of this compound has not been completely examined. It is presumed that the toxicity of this item is similar to other soluble gold compounds.
Inhalation: Unlikely because of the low vapor pressure.
Ingestion: While the toxicity of this compound is low, large doses may cause nausea, vomiting, diarrhea, etc.
Skin contact: Gold chloride is corrosive.
Eye contact: May be irritating
Chronic Exposure: Unknown
Aggravation of preexisting conditions: Unknown

Section III - 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>
</tr>
</thead>
<tbody>
<tr>
<td>Gold chloride 3H₂O</td>
<td>16961-25-4</td>
<td>---------</td>
<td>----------</td>
<td>--------------</td>
<td>0.3% v/v</td>
</tr>
</tbody>
</table>

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: Do not induce vomiting. If the victim is conscious administer large quantities of water or other fluids. Never give anything by mouth to an unconscious person. Get immediate medical attention.
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: 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 compounds such as hydrochloric acid.

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 III
Ventilation System: Usually not required.
Personal Respirator: Usually not required.
Skin protection: Protective gloves are 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
Vapor pressure (mm Hg): 18 @ 20 °C
Vapor Density (air = 1): 0.6
Appearance and Odor: A clear, yellow liquid.
Density: 1.01 g/ml
Evaporation Rate (water = 1): 1
Solubility: Infinitely miscible with water

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

Gold salts are hepatotoxic.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Known Carcinogenicity?</th>
<th>Anticipated?</th>
<th>IARC Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold Chloride</td>
<td>No</td>
<td>No</td>
<td>None</td>
</tr>
</tbody>
</table>

Section XII - Ecological Information

Environmental Fate: Unknown
Environmental Toxicity: Unknown
Section XIII - Disposal Considerations

Recycling is desirable because of the high value of gold salts. Waste disposal is usually not restricted but local ordinances vary. Dispose of contents and container in accordance with all government regulations.

Section XIV - Transportation Information

Not regulated.

Section XV - Regulatory Information

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>TSCA</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold Chloride</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Federal, State and International Regulations

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>RQ</th>
<th>TPQ</th>
<th>List</th>
<th>Category</th>
<th>261.33</th>
<th>8(D)</th>
<th>Ca. Prop 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gold Chloride</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Chemical Weapons Convention: No  TSCA 12(b): No  CDTA: No  SARA 311/312: Acute: Yes, Chronic: Yes, Fire: No

Section XVI - Other Information

This information is believed to be correct but is not waranteed as such, nor does it purport to be all inclusive.

Revision Date: Nov. 29, 2017