1. Identification of the Substance and Supplier

Product Name: GENE’S CLOUDY AMMONIA
Synonyms: N/A
Supplier: CLOROGENE SUPPLIES LTD
Street Address: 58 WAIONE STREET
              PETONE
              WELLINGTON
Telephone Number: (04) 568-5530
Facsimile: (04) 568-6880
Emergency Phone: 0800-764-766 (All Hours)

2. Composition/Information on Ingredients

Product Description: CLEAR BLUE LIQUID WITH CHARACTERISTIC ODOUR
Use: SPARKING CLEAN SURFACES WITHOUT SCRATCHING

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pearlesent / Surfactant</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Amonium Hydroxide</td>
<td>1336-21-6</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt;60</td>
</tr>
</tbody>
</table>

3. Hazards Identification

Hazard Classification: 6.1D (acutely toxic)
                        8.1A (corrosive to metals)
                        8.2C (corrosive to skin)
                        8.3A (corrosive to eyes)
                        9.1A (very toxic to aquatic life)
                        9.3C (harmful to terrestrial invertebrates)

4. First-aid Measures

For advice, contact a Poisons Information Centre (Phone eg New Zealand 0800-764-766; Australia 131 126) or a doctor.
Inhalation: No special requirements. Remove to fresh air. Advice to Doctor: Treat symptomatically.

Skin Contact: Immediately remove contaminated clothing. Wash contaminated area with warm water and soap. If irritation occurs, get medical attention.

Eye Contact: Flush immediately with water for 15 minutes. If irritation occurs, get medical attention.

Ingestion: Dilute with 1-2 glasses of water. Seek medical aid.

Notes to Physician: Treat symptomatically

5. Fire-Fighting Measures

Specific Hazards: None specified
Fire-fighting Advice: None specified

Suitable Extinguishing Media: Water spray, foam, dry power or carbon dioxide.

6. Accidental Release Measures

Slippery when spilt, avoid accidents and clean up immediately. Prevent spillage from entering waterways or drains. Collect leaking liquid in sealable containers, absorb liquid in sawdust or sand or inert absorbent. Wash contaminated area with plenty of water.

7. Handling and Storage

Handling Advice: Absorb with inert material (e.g. sand / soil). Sweep or scrape up and containerise. Rinse area thoroughly with water. Waste from normal product use may be sewered to public owned treatment works in compliance with applicable governmental and local pre-treatment requirements

Storage Advice: Store in cool dry place with adequate ventilation. This material is classified as NOT HAZARDOUS according to the criteria of NZS 5433. 1988 “Code of practice for the transport of Hazardous Substance on Land”.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: N/A
Engineering Control Measures:

None under normal operating conditions.

Personal Protective Equipment:

No special equipment needed when handling small quantities.

9. Identification of the Substance and Supplier

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>Cloudy White</td>
</tr>
<tr>
<td>Odour:</td>
<td>N/A</td>
</tr>
<tr>
<td>Molecular Formula:</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Soluble in Water</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>1.08</td>
</tr>
<tr>
<td>Relative Vapour Density (air=1):</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapour Pressure (20degC):</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point (degC):</td>
<td>N/A</td>
</tr>
<tr>
<td>Auto ignition Temperature (degC):</td>
<td>N/A</td>
</tr>
<tr>
<td>% Volatile by Weight:</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water (g/L):</td>
<td>Complete</td>
</tr>
<tr>
<td>Boiling Point/Range (degC):</td>
<td>100</td>
</tr>
<tr>
<td>Decomposition Point (degC):</td>
<td>N/A</td>
</tr>
<tr>
<td>pH:</td>
<td>11.5 -12</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

Stability: N/A

11. Toxicological Information

No adverse health effects are expected if the product is handed in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled or over-exposure occurs are:

Ingestion: May cause nausea. Irritation to mucous membranes.

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation. Prolonged exposure may cause chemical burns.

Inhalation: May cause irritation to mucous membranes.
12. Ecotoxicological Information

Avoid Contaminating Waterways.

Environmental Fate, persistence and degradation: N/A
Aquatic Toxicity: N/A
Terrestrial Toxicity: N/A

13. Identification of the Substance and Supplier

Refer to Waste Management Authority.

14. Transport Information

Road and Rail Transport
No restrictions

UN No: None
Class-primary: None
Packing Group: None
Proper Shipping Name: None
Hazchem Code: None

Marine Transport
No restrictions

UN No: None
Class-primary: None
Packing Group: None
Proper Shipping Name: None

Air Transport
No restrictions

UN No: None
Class-primary: None
Packing Group: None
Proper Shipping Name: None
15. Regulatory Information

Classification: Non-hazardous
Subclasses: N/A

16. Other Information

Reason(s) for Issue: This MSDS summarises to the best of our knowledge at the date of issue, the chemical and safety hazards for the material and general guidance on how to safely handle the material in the place of use. Clorogene Supplies Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Clorogene Supplies Ltd as per the contact details on page 1.

Product Name: Gene’s Cloudy Ammonia
Substance No: N/A

Issued 18.02.2015