IDENTITY (As Used on Label and List)
Mac’s Non Ammoniated Glass Cleaner

Section I - Manufacturer
Manufacturer's Name
AIKEN CHEMICAL COMPANY

Address (Number, Street, City, State and Zip Code)
P. O. Box 27147

Greenville, SC 29616

Emergency Telephone Number
1-800-922-1117; (864) 765-7359

Telephone Number for Information
(864) 968-1250; 1-800-828-1860

Date Prepared:
March 13, 2001

Revision #
1

Signature of Preparer (optional)
October 5, 2007

Section II - Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity: Common Name(s)

OSHA PEL
ACGIH TLV
OTHER LIMITS %

TSCA Information:
All ingredients of this product are listed on the TSCA inventory.

NFPA
0-0-0

HMIS
0-0-0-A

Section III - Physical/Chemical Characteristics
Boiling Point
>212° F

Specific Gravity (H20 - 1) 1.000

Vapor Pressure (mm Hg.)
N/A

Melting Point 32° F

Vapor Density (AIR=1)
N/A

Evaporation Rate (Butyl Acetate=1) <1.0

Solubility in Water Complete

PH 7.0 – 8.0

Appearance and Odor
Clear liquid with a characteristic odor.

Section IV - Fire and Explosion Hazard Data
Flash Point (Method Used)
Not determined

Flammable Limits Not established

LEL Not determined

UEL Not Determined

Extinguishing Media
Carbon dioxide, dry chemical, alcohol foam or water fog.

Special Fire Fighting Procedures
Firefighters should wear a self-contained breathing apparatus with full face piece operated in the positive pressure demand mode when fighting fires.

Unusual Fire and Explosion Hazards
Never use a welding or cutting torch or other source of heat on or near the product container because the product may ignite explosively.
IDENTITY: Mac’s Non Ammoniated Glass Cleaner

### Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td>High temperatures and/or mixing with oxidizing agents.</td>
</tr>
<tr>
<td>Stable</td>
<td>X</td>
</tr>
</tbody>
</table>

#### Incompatibility (Materials to Avoid)
None known

#### Hazardous Decomposition or Byproducts
Nitrogen compounds, carbon monoxide and carbon dioxide.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>May Occur</td>
<td>Excessive heat &amp; oxidizing agents.</td>
</tr>
<tr>
<td>Will Not Occur</td>
<td>X</td>
</tr>
</tbody>
</table>

### Section VI - Health Hazard Data

#### Routes of Entry:
- Inhalation: Yes
- Eyes: Yes
- Skin: Yes
- Ingestion: Not likely to occur.

#### Health Hazards (Acute and Chronic)
None known or established.

#### Carcinogenicity:
- NTP: No
- LARC Monographs: No
- OSHA Regulated: No

#### Signs and Symptoms of Exposure:
See Section IX (Overexposure)

#### Medical Conditions Generally Aggravated by Exposure:
Pre-existing skin and respiratory problems.

#### Emergency and First Aid Procedures
See Section IX

### Section VII - Precautions for Safe Handling and Use

#### Steps to Be Taken in Case Material is Released or Spilled
Stop spill at source. Dike area of spill with soil (sand, clay) to prevent spreading. Remaining liquid may be pumped to a salvage container or taken up by an absorbent material and shoveled into salvage containers.

#### Waste Disposal Method
Dispose of in accordance with all local, state and federal regulations.

#### Precautions to Be Taken in Handling and Storing
Store in a dry, cool area away from open flames and excessive heat.

#### Other Precautions:
Always use proper eye and skin protection when handling this product.

### Section VIII - Control Measures

#### Respiratory Protection (Specify Type)
None, unless exposure limits are exceeded; then use NIOSH/MSA respirator for organic mist and vapor.

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acceptable</td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>Mechanical (General)</td>
<td>To reduce exposure limits</td>
<td>Other:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

#### Protective Gloves
Neoprene

#### Eye Protection
Splash goggles and/or safety glasses.

#### Other Protective Clothing or Equipment
To prevent skin contact, wear impervious (rubber) apron and boots, if a splash hazard exists.

#### Work/Hygienic Practices
Always wash hands after handling chemicals.
Section IX - Routes and Effects of Overexposure:

SKIN:
Prolonged or repeated contact to unprotected skin may cause moderate irritation, defatting and dermatitis of the skin.

EYES:
Can cause redness, tearing and irritation which may result in impairment of vision.

INGESTION:
Not likely to occur, but if it should, it can cause gastrointestinal irritation, nausea, vomiting, diarrhea and possible damage to the throat and esophagus.

INHALATION:
Excessive inhalation of vapors may cause irritation of nasal and respiratory passages, dizziness, weakness, fatigue, nausea and headache.

Emergency and First Aid Procedures:

SKIN:
Thoroughly wash exposed area with water for at least 15 minutes. Remove contaminated clothing. If irritation persists, seek medical attention. Always wash contaminated clothing before reuse.

EYES:
Immediately flush eyes with water for at least 15 minutes, lifting upper and lower lids occasionally. Seek medical attention if irritation persists.

INGESTION:
Not likely to occur, but if it should, DO NOT induce vomiting. Dilute by giving water. If irritation persists, seek medical attention.

INHALATION:
If breathing is hampered, remove individual to fresh air. If breathing has stopped, give artificial respiration. If problems persist, seek medical attention.