SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Griffin Bros. Inc.
MANUFACTURER: P.O. Box 7719
Salem, OR 97303
INFORMATION PHONE: (800) 456-4743

For Medical and Chemical Emergencies 
CHEMTREC: 1-800-424-9300

PRODUCT NAME: Glass-N-Things Concentrated Glass Cleaner
PRODUCT NUMBER: G-197
DATE PREPARED: 06/12/07
LAST REVISION: 04/28/2015

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
GHS CLASSIFICATION: Flammable Liquids (Category 4)  Skin: (Category 4)  Eyes: (Category 2b)  Acute Toxicity Oral: (Category 5)

GHS Label elements, including precautionary statements
SIGNAL WORD: Warning  PICTOGRAM: No Symbol
HAZARD STATEMENT(S):
H227: Combustible Liquid
H303: May be harmful if swallowed
H316: Causes mild skin irritation
H320: Causes eye irritation
PRECAUTIONARY STATEMENT(S):
P102: Keep out of reach of children
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P262: Do not get in eyes, on skin, or on clothing
P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Range Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOPROPAL ALCOHOL</td>
<td>67630</td>
<td>10 – 15%</td>
</tr>
<tr>
<td>DIPROPYLENE GLYCOL METHYL ETHER</td>
<td>3459094</td>
<td>1 – 3%</td>
</tr>
<tr>
<td>2-BUTOXYETHANOL</td>
<td>111762</td>
<td>1 – 3%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
INGESTION: If swallowed, do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious or convulsing person. Get medical attention immediately.
SKIN CONTACT: Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.
AGGRAVATED MEDICAL CONDITIONS: Pre-existing eye, skin or respiratory conditions.
SUPPLEMENTAL HEALTH INFORMATION: The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use dry chemical foam, carbon dioxide, or water spray when fighting fires involving this material-
SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with full-face piece operated in a pressure positive mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Extinguish all nearby sources of ignition. Product is combustible.
COMBUSTION PRODUCTS: N/A

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Keep out of water supply.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store below 120 degrees F. Follow all SDS/label precautions even after container is emptied because it may retain product residues.
OTHER PRECAUTIONS: For industrial use only. Keep away from children.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOPropyl Alcohol</td>
<td>400ppm</td>
<td>n/a</td>
</tr>
<tr>
<td>DIPROPYL GLYCOL METHYL ETHER</td>
<td>100ppm</td>
<td>100ppm</td>
</tr>
</tbody>
</table>

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.

PROTECTIVE GLOVES: Rubber or other impervious material

VENTILATION: Local exhaust sufficient to keep exposure below TLV.

WORK / HYGIENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EYE PROTECTION: Safety glasses with side shields (or goggles).

EXPOSURE GUIDELINES: N/A

OTHER PROTECTIVE EQUIP: Boots, apron, lab coat or coveralls of impervious material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Appearance</td>
<td>Clear Pink or blue liquid</td>
<td></td>
</tr>
<tr>
<td>b) Odor</td>
<td>Fresh Scent</td>
<td></td>
</tr>
<tr>
<td>d) pH</td>
<td>11.4</td>
<td></td>
</tr>
<tr>
<td>e) Melting point/freezing point</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>f) Initial boiling point and boiling range</td>
<td>200°F</td>
<td></td>
</tr>
<tr>
<td>g) Flash point</td>
<td>185°F</td>
<td></td>
</tr>
<tr>
<td>h) Evaporation rate</td>
<td>&gt;1</td>
<td></td>
</tr>
<tr>
<td>j) Upper/lower flammability or explosive limits</td>
<td>UEL: n/a LEL: n/a</td>
<td></td>
</tr>
<tr>
<td>k) Vapor pressure (mm/hg)</td>
<td>&gt;15</td>
<td></td>
</tr>
<tr>
<td>l) Vapor density (Ar = 1)</td>
<td>&gt;1</td>
<td></td>
</tr>
<tr>
<td>m) Relative density (Specific Gravity)</td>
<td>0.95</td>
<td></td>
</tr>
<tr>
<td>n) Water solubility</td>
<td>Complete</td>
<td></td>
</tr>
<tr>
<td>p) Auto-ignition temperature</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>r) Viscosity</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>s) Pounds Per Gallon</td>
<td>7.9</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY:

STABLE: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Strong Oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No data available.

HAZARDOUS POLYMERIZATION: Will Not Occur

11. TOXICOLOGICAL INFORMATION:

None of the components of this product are listed as carcinogens. No other data available.

12. ECOLOGICAL INFORMATION:

N/A

13. DISPOSAL CONSIDERATIONS:

Dilute with large amounts of water and dispose to municipal or industrial waste treatment facility in accordance with applicable regulations.

14. TRANSPORT INFORMATION:

<table>
<thead>
<tr>
<th>Regulation</th>
<th>UN No.</th>
<th>Proper Shipping Name</th>
<th>Transport Hazard Class</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>US DOT</td>
<td>NA-1993</td>
<td>Combustible Liquid, n.o.s. (Isopropanol)</td>
<td>Combustible Liquid</td>
<td>III</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION:

No information available.

16. OTHER INFORMATION:

HMIS INFORMATION: HEALTH: 1 FLAMMABILITY: 1 PHYSICAL HAZARD: 0 PROTECTIVE: B

NFPA INFORMATION: TOXICITY: 1 FIRE: 1 REACTIVITY: 0 SPECIAL: N

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