### SECTION I - PRODUCT INFORMATION:

**NAME:** SUPERIOR GLASS CLEANER  
**USE:** CONCENTRATED ALL PURPOSE CLEANER  
**CHEMICAL FAMILY:** GLASS CLEANER

### SECTION II - PHYSICAL DATA:

- **BOILING POINT (F):** N/A  
- **SPECIFIC GRAVITY (WATER=1):** 7  
- **POUNDS/GALLON:** 8.4  
- **VAPOR PRESSURE (mm hg):** 17  
- **SOLUBILITY IN WATER:** 100%  
- **% VOLATILE BY VOLUME:** 0  
- **APPEARANCE:** WIDE HOLLOW CONE SPRAY  
- **ODOR:** SOLVENT/FLORAL

### SECTION III - HAZARDOUS INGREDIENTS:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS #</th>
<th>% BY WEIGHT</th>
<th>OSHA/PEL</th>
<th>ACGIH/TLV (SKIN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 BUTOXY ETHANOL</td>
<td>111-76-2</td>
<td>3.9</td>
<td>1000</td>
<td>25 (SKIN)25 PPM</td>
</tr>
<tr>
<td>LIQUIFIED PETROLEUM GAS</td>
<td>68476-85-7</td>
<td>1.0-5.0</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>ETHYL ALCOHOL</td>
<td>64-17-4</td>
<td>10-20</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>METHYL ALCOHOL</td>
<td>67-56-1</td>
<td>.8</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>DEIONIZED WATER</td>
<td>7732-18-5</td>
<td>70-75</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **OSHA/PEL:** 25, 1000, 1000, 200
- **ACGIH/TLV (SKIN):** 25 PPM, 1000, 1000, 200

### SECTION IV - FIRE & EXPLOSION HAZARD DATA:

- **FLASH POINT AND METHOD:** N/A  
- **EXTINGUISHING MEDIA:** CARBON DIOXIDE, WATER SPRAY, FOAM, OR DRY CHEMICAL  
- **SPECIAL FIRE FIGHTING PROCEDURES:** WEAR APPROPRIATE SELF CONTAINED BREATHING APARATUS  
- **UNUSAL FIRE & EXPLOSIVE HAZARDS:** NON-FLAMMABLE

### SECTION V - HEALTH HAZARD DATA:

- **ROUTE OF ENTRY:** INHALATION- SKIN- INGESTION- EYES  
- **EFFECTS OF ACUTE EXPOSURE:** HARMFUL IF SWALLOWED. INGESTION MAY CAUSE VOMITING, HEADACHE, AND OTHER MEDICAL PROBLEMS. MAY BE IRRITATING TO EYES AND SKIN. SKIN CONTACT MAY CAUSE SLIGHT REDNESS. CONTAINS A POTENTIALLY SKIN SENSITIZER. EYE CONTACT CAN CAUSE MODERATE TO HIGH IRRITATION. INHALATION CAN CAUSE NOSE, THROAT, AND RESPIRATORY TRACT IRRITATION, COUGHING AND HEADACHE.  
- **EFFECTS OF CHRONIC EXPOSURE:** WILL DRY SKIN OILS, MAY CAUSE NAUSEA OR DIZZINESS. MAY CAUSE BLOOD, LIVER, LUNG, HEART, CIRCULATORY, OR KIDNEY EFFECTS  
- **MEDICAL CONDITIONS AGGRAVATED BY USE:** NONE KNOWN.  
- **EMERGENCY AND FIRST AID PROCEDURE:**  
  - **EYE CONTACT:** RINSE WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CALL A PHYSICIAN.  
  - **SKIN CONTACT:** WASH WITH PLENTY OF SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE.  
  - **EXCESSIVE VAPOR INHALATION:** REMOVE VICTIM TO FRESH AIR AND RESTORE BREATHING IF NECESSARY. CALL A PHYSICIAN IF THERE ARE SIGNS OF BREATHING DIFFICULTIES.  
  - **IF SWALLOWED:** DO NOT INDUCE VOMITING, CALL A PHYSICIAN IMMEDIATELY WITH THE LISTING OF MATERIALS ON THIS SHEET.
VI. REACTIVITY HAZARD DATA
STABILITY: STABLE INCOMPATIBILITY: STRONG OXIDIZING AGENTS
CONDITIONS TO AVOID: KEEP AWAY FROM HEAT AND OPEN FLAME
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

VII. PRECAUTIONS FOR SAFE HANDLING AND USE
CONTROL AND PROTECTION: GLOVES, SAFETY GLASSES, RESPIRATORY, VENTILATION
STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: STOP SPILL AT THE
SOURCE, DIKE THE AREA AND CONTAIN THE FLOW, MOP UP OR ABSORB, AND PLACE IN
SUITABLE CONTAINER. NOTIFY PROPER AUTHORITIES IF AN RQ IS INVOLVED.
WASTE DISPOSAL METHOD: AS DIRECTED BY LOCAL AND FEDERAL POLLUTION LAWS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: COVER WITH ABSORBENT,
PREVENT RUN OFF, COLLECT AND DISPOSE. OBSERVE ALL LOCAL, STATE, AND
GOVERNMENT REGULATIONS.

VIII. CONTROL MEASURES
RESPIRATORY PROTECTION: ORGANIC CARTRIDGE TYPE RESPIRATOR IF VENTILATION OR
OTHER MECHANICAL MEANS CANNOT KEEP AIR BELOW TLV.
VENTILATION: LOCAL EXHAUST IS PREFERABLE, BUT ANY MECHANICAL MEANS THAT
WILL KEEP VAPORS BELOW LIMITS IS ACCEPTABLE.
PROTECTIVE GLOVES: RECOMMENDED-MUST NOT DISSOLVE IN SOVENTS.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: CHEMICAL GOGGLES AND APRON ARE
RECOMMENDED IF SPLASHING IS POSSIBLE. AN EYE WASH AND SAFETY SHOWER SHOULD
BE AVAILABLE.
WORK/HYGIENIC PRACTICES: AVOID BREATHING VAPOR OR SPRAY MIST. WASH HANDS
THOROUGHLY AFTER CONTACT AND BEFORE BREAKS OR MEALS.