Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label): GLASS CLEANER (BULK)
Product Number: 3030; 3261

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990
Medical Emergency: 1-(888)-314-6171 (24 hours)
Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Non-Hazardous Products

NFPA Ratings:
Health: 1 - Slight
Fire: 0 - Minimal
Reactivity: 0 - Minimal

HMIS Ratings:
Health: 1 - Slight
Fire: 0 - Minimal
Reactivity: 0 - Minimal
Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

<table>
<thead>
<tr>
<th>Chemical Name(s)</th>
<th>%Wt</th>
<th>CAS Registry No.</th>
<th>TWA mg/m³</th>
<th>STEL mg/m³</th>
<th>CEILING mg/m³</th>
<th>NTP, IARC or OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</td>
<td>1-5</td>
<td>67-63-0</td>
<td>980</td>
<td>1225</td>
<td>Not Established</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION III: PHYSICAL DATA

Boiling Point: 212 °F
Vapor Pressure: Not determined
Vapor Density (AIR = 1): Unknown
pH: 9.0-10.0
Evaporation Rate (but.ace.=1): <1
Percent Solid by Weight: < 1.0
Physical State: Liquid
Appearance & Odor: Clear blue liquid, floral fragrance

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F
Method Used: ASTM-D56
Flammable Limits: Not Established
Flame Extension: N/A
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.
Unusual Fire & Explosive Hazards: Combustion products are toxic.
SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established

Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Oral

Effects of Overexposure:
- Conditions to Avoid:
  - May cause mild eye and skin irritation. May be harmful if swallowed. Inhalation of product mist may cause respiratory irritation. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Do not swallow. Avoid breathing product mist. Wash thoroughly after handling.

Conditions Aggravated by Use:
- Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.

Emergency & First Aid Procedures:
- Eyes: Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses. Get medical attention.
- Skin: Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
- Ingestion: Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.
- Inhalation: In case of respiratory irritation; move person to fresh air. Get medical attention if irritation persists.

SECTION VI: REACTIVITY DATA

Stability: Stable

Incompatible Materials: Strong oxidizers

Hazardous Decomposition Products: CO, CO2

Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
- Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for disposal. Keep spill out of storm sewers and waterways.

Waste Disposal Method: Dispose of in compliance with all federal, state and local laws and regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required

Ventilation: Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

Protective Gloves (Specify Type): Not required. Impervious gloves may be worn if desired.

Eye Protection (Specify Type): Not required. Splash goggles may be worn if desired.


SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing: Keep out of reach of children

Other Precautions: Keep from freezing.

© SCC 06/01/2010

Name: Ronald T. Cook

Title: Manager, Regulatory Affairs

Effective Date: 06/01/2010

Supercedes: 06/01/2007

GLASS CLEANER (BULK)

Ref: 29 CFR 1910.1200 (OSHA)

Changes: Shipping Description

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.