MSDS - Material Safety Data Sheet

Product Name: F-818 Window and Glass Cleaner (RTU)

MSDS No.: F-818

I. Basic Information:

Manufacturer: Inchemco, Division of JEM Sales Inc.
Address: 430 Lavender Drive NW
City, ST Zip: Rome, GA 30165
Emergency Contact: Chemtrec
Emergency Telephone Number: 800-424-9300
Contact: David Boylan
Information Telephone Number: 706-232-1709 x13

Last Update: 04/21/2005
Expiration Date: 04/21/2006

Chemical State: Solid Gas Liquid
Chemical Type: Mixture Pure

II. Ingredients:

☐ Trade Secret (N/D = Not Disclosed)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
<th>% Range</th>
<th>EHS</th>
<th>IARC</th>
<th>SARA 313</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>111762</td>
<td>Ethylene glycol monobutyl ether</td>
<td>&lt;5</td>
<td></td>
<td></td>
<td></td>
<td>400 ppm</td>
<td>400 ppm</td>
<td>2000 IDL</td>
</tr>
<tr>
<td>67630</td>
<td>Isopropanol</td>
<td>&lt;5</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

III. Hazardous Identification:

Hazard Category:

□ Acute □ Chronic □ Fire □ Pressure □ Reactive

Hazardous Identification Information:

Acute: Eye, Skin, Ingestion.

IV. First Aid Measures:

Route(s) of Entry:

Eyes, Skin, Ingestion.

Health Hazards (Acute and Chronic):

Acute Eye: may cause irritation.
Acute Skin: May cause irritation or drying of skin, overexposure may cause irritation.
Acute Ingestion: irritation, possible nausea.

Signs and Symptoms:

Eyes: burning, irritation, redness, tearing.
Skin: Redness or dryness, overexposure may cause reddening of skin.
Ingestion: stomach sickness, throat irritation.

Medical Conditions Generally Aggravated by Exposure:
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Emergency and First Aid Procedures:

Eyes: Remove contact lenses, flush with water for at least 15 minutes, seek medical attention.
Skin: Rinse thoroughly with water.
Ingestion: Seek medical attention immediately. Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Do not leave victim unattended. Never give anything by mouth to an unconscious person.

Other Health Warnings:

Note to physician: All treatments should be based on observed signs and symptoms of distress. Consideration should be given to the possibility that overexposure to materials other than this product or some combination of products may have occurred.

V. Fire Fighting Measures:

Flash Point: > 200F  Lower Explosive Limit: None  Upper Explosive Limit: None
F.P. Method: Pensky Martens

Fire Extinguishing Media: Use extinguishing apparatus suitable for materials surrounding fire.

Special Fire Fighting Procedures:

Gear designed to protect firefighters from wet environments is suitable for fighting fires near this product.

Unusual Fire and Explosion:

None.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Cleanup and disposal of spill:

Small spills: Wipe up mop or wet vac small spills.
Large spills: Absorb with water soluble media pads and/or booms. Mop, squeegee, or wet vacuum and containerize for proper disposal.

Do not allow spills to reach stormwater runoff areas.

VII. Handling and Storage:

Precautions to be Taken:

Temperature Min/Max: protect from freezing.
Handling: Do not get material into eyes, wear protective gloves when handling product.
Storage: Store in a cool, dry, ventilated area.

Other Precautions:

Avoid direct contact with other chemicals.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Local exhaust.

Personal Protective Equipment:
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Eyes: Safety glasses.
Skin: Latex gloves.
Respiratory: N/A

Rinse hands thoroughly after use. Launder clothing if contaminated.

IX. Physical and Chemical Properties:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>212 F</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>Slow</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1)</td>
<td>1.01000</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>Complete</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Blue liquid, slight alcohol scent.</td>
</tr>
<tr>
<td>Other Information: ph of 1% solution</td>
<td>9.8</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&lt; 20 CPS</td>
</tr>
</tbody>
</table>

X. Stability and Reactivity:

Stability:
Stable under normal handling and storage conditions.

Incompatibility (Materials to Avoid):
Strong acids.

 Decomposition/By Products:
None.

Hazardous Polymerization:
Will not occur.

XI. Toxicological Information:

Acute Eye: mildly irritating.
Acute Skin: mildly irritating.
Acute Dermal Toxicity: No test data for product.
Acute Respiratory Irritation: No test data for product.
Acute Inhalation Toxicity: No test data for product.
Acute Oral Toxicity: No test data for product.
Chronic Toxicity: N/A

XII. Ecological Information:

Ecotoxicological: No data for this product.
Chemical Fate: No data for this product.

XIII. Disposal Considerations:

Follow state and local guidelines for disposal as they may differ from Federal laws and regulations.

If uncontaminated by other products this product may be disposed of non-hazardous.
Consult qualified Waste Material personnel before disposing of product.

Containers: Boxes may be recycled as corrugated, Bottles may be recycled as HDPE when completely rinsed.
XIV. Transport Information:

Not Regulated by DOT

XV. Regulatory Information:

TSCA: N/A
CERCLA: N/A
SARA Title III Section 302 (Extremely Hazardous Substances): N/A
SARA Title III Section 313 (Toxic Chemicals): N/A

XVI. Other Information:

In case of emergency, call CHEMTREC 800-424-9300

Distributed by:
JEM Sales Inc., Inchemco Division
430 Lavender Drive
Rome, GA 30165
706-232-1709
CAGE 0AZD7

Key:
N/A - Not Applicable
ACGIH - American Conference of Governmental Industrial Hygienists.
OSHA - Occupational Safety and Health Administration.
TLV - Threshold Limit Value.
PEL - Permissible Exposure Limit.
TWA - Time Weighted Average.
STEL - Short Term Exposure Limit.
NTP - National Toxicology Program.
IARC - International Agency for Research on Cancer.

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