# MATERIAL SAFETY DATA SHEET

**SECTION I**

**Manufacturer's Name**
DIFCO LABORATORIES, INC.

**Address** (Number, Street, City, State, and Zip Code)
R.O. BOX 331058

**DETROIT MICHIGAN 48232-7058**

**Emergency Telephone Numbers**
800 521-0851 313 462-8500

**Chemical Name and Synonyms**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Formula</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gram Decolorizer</td>
<td>3330</td>
</tr>
</tbody>
</table>

**SECTION II - HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>Paints, Preservatives, and Solvents</th>
<th>%</th>
<th>TLV (Units)</th>
<th>Alloys and Metallic Coatings</th>
<th>%</th>
<th>TLV (Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvents</td>
<td>N Ap</td>
<td></td>
<td>Filter Metal Plus Coating or Core Flux</td>
<td>N Ap</td>
<td></td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Hazardous Mixtures of Other Liquids, Solids or Gases**

| *Acetone (Flammable)* | 3000mg/kg (Or-mouse) | 67-64-1 | 25 | 750ppm |
|*Isopropanol (Flammable)* | 3600mg/kg (Or-mouse) | 67-63-0 | 75 | 400ppm |

**SECTION III - PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Boiling Point (°F)</th>
<th>56.1-82°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>133-180°F</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>186 mm Hg</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Complete</td>
</tr>
</tbody>
</table>

**Appearance and Odor**
Clear, colorless liquid, slightly pungent odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>20°F (CC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Limits</td>
<td>Low 3.5</td>
</tr>
<tr>
<td>Use Carbon Dioxide or Dry Chemical</td>
<td></td>
</tr>
</tbody>
</table>

**Special Fire Fighting Procedures**
N Ap

**Unusual Fire and Explosion Hazards**
N Ap

**SECTION V - LISTED IN AS A CARCINOGEN**

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>N Ap</td>
</tr>
</tbody>
</table>

**Data of Preparation:** MAR -- 1990

**Prepared by:** Ellen M. Bernard
SECTION VI - HEALTH HAZARD DATA

Threshold Limit Value
453 ppm

Permissible Exposure Limit
N Ap

Contact with eyes may cause irritation or tissue damage. Contact with skin may cause irritation.

Emergency First Aid Procedures

Immediately flush eyes and skin with plenty of water for at least 15 minutes. In case of eye exposure, call a physician.

Primary Routes of Entry

SECTION VII - REACTIVITY DATA

Contact

Stability
Unstable
Stable

Conditions to Avoid
N Ap

Ignitability (Material to Avoid)

Incompatible with

Hazardous Decomposition Products
N Ap

Hazardous Polymers

May Occur
Will Not Occur

Conditions to Avoid
N Ap

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Eliminate sources of ignition, wipe up with a damp sponge or mop, flush down drain with plenty of water.

Waste Disposal Method

According to Federal, State, and Local Regulations.

SECTION IX - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)
N Ap

Ventilation
Local Exhaust
Preferred
Mechanical (General)
Yes

Protective Gloves
Rubber

Eye Protection
Safety Goggles

Other Protective Equipment
N Ap

SECTION X - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing

Do not handle or store near flame, heat, or strong oxidants.

Other Precautions

* Subject to SARA Title III 6313 Reporting Requirements.