Material Safety Data Sheet

IDENTITY (As Used on Label and List)
Linseed Oil-AR

Section I
Manufacturer's Name
M. Grumbacher, Inc.
Address (Number, Street, City, State, and Zip Code)
30 Engelhard Drive
Cranbury, N.J. 08512

Emergency Telephone Number
(609) 655-8282

Telephone Number for Information
(609) 655-8282

Date Prepared
3/5/91

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity; Common Name(s))
Alkali Refined Linseed Oil 8001-26-1

This material is non-toxic. It is not considered hazardous according to current Federal regulations.

Section III — Physical/Chemical Characteristics
Boiling Point
Unk.
Specific Gravity (H2O = 1)
0.927

Vapor Pressure (mm Hg)
Unk.
Melting Point
N.A.

Vapor Density (AIR = 1)
Heavier
Evaporation Rate
(Butyl Acetate = 1)
Slower

Solubility in Water
Immiscible

Appearance and Odor
Pale liquid, oily odor

Section IV — Fire and Explosion Hazard Data
Flash Point (Method Used)
177-190 F. TCC
Flammable Limits
Unk
LEL Unk
UEL Unk

Extinguishing Media
Foam, CO2 or dry chemical

Special Fire Fighting Procedures
Remove ignition sources

Unusual Fire and Explosion Hazards
Spontaneous combustion may occur if rags soaked in AR-LO are left together for an extended period of time

OSHA 174, Sept. 1985
**Section V — Reactivity Data**

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</td>
<td>x Keep cool</td>
</tr>
<tr>
<td>Stable</td>
<td></td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**

- Keep away from open flame - heat sources

**Hazardous Decomposition or Byproducts**

- CO, CO₂, Smoke

**Hazardous Polymerization**

<table>
<thead>
<tr>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>x High heat</td>
</tr>
<tr>
<td>Will Not Occur</td>
<td></td>
</tr>
</tbody>
</table>

**Section VI — Health Hazard Data**

**Route(s) of Entry:**
- Inhalation: Unk.
- Skin: Unk.
- Ingestion: Unk.

**Health Hazards (Acute and Chronic):**
- Unk.

**Carcinogenicity:**
- NTP: Unk.
- IARC Monographs: Unk.
- OSHA Regulated: Unk.

**Signs and Symptoms of Exposure:** N.A

**Medical Conditions Generally Aggravated by Exposure:**
- Unk.

**Emergency and First Aid Procedures:** N.A

**Section VII — Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material Is Released or Spilled:**
- Mop up with absorbent compound.

**Waste Disposal Method:** According to appropriate regulations.

**Precautions to Be Taken in Handling and Storing:**
- Keep away from heat & flame.

**Other Precautions:** Normal precautions.

**Section VIII — Control Measures**

**Respiratory Protection (Specify Type):** Not essential

**Ventilation:**
- Local Exhaust: Normal ventilation 60 cfm.
- Mechanical (General): None

**Protective Gloves:** Not necessary

**Eye Protection:** Chemical splash goggles

**Other Protective Clothing or Equipment:** Not necessary

**Work/Hygiene Practices:** Store in cool place.