MATERIAL SAFETY DATA SHEET
M.S.D.S.

I - PRODUCT IDENTIFICATION

TRADE NAME (as labeled) : GROW MORE 4-18-38
MANUFACTURER'S NAME : GROW MORE, INC.
15600 New Century Drive
Gardena, CA 90248
Tel. (310) 515-1700
Fax (310) 515-4937

DATE PREPARED/REVISED : March 20, 2000
NAME OF PREPARER : H. Langheim

II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No. &amp; %</th>
<th>Exposure Limits in Air (give units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Molybdate</td>
<td>7439087</td>
<td>ACGH TLV: 5 mg/m3; OSHA PEL: 5 mg/m3</td>
</tr>
<tr>
<td>Manganese EDTA</td>
<td>7439965</td>
<td>Oral LD50 Rat: 1750 mg/kg</td>
</tr>
<tr>
<td>Copper EDTA</td>
<td>7440598</td>
<td></td>
</tr>
<tr>
<td>Zinc EDTA</td>
<td>7440666</td>
<td></td>
</tr>
</tbody>
</table>

III - PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>Approx. 1.7 g/cc</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>300 g/l or greater</td>
</tr>
<tr>
<td>VAPOR PRESSURE, mmHg AT 20°C</td>
<td>N/A</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR</td>
<td>Fine crystals &amp; powder</td>
</tr>
<tr>
<td>MELTING POINT OR RANGE, ºF</td>
<td>Not established</td>
</tr>
<tr>
<td>BOILING POINT OR RANGE, ºF</td>
<td>N/A</td>
</tr>
<tr>
<td>EVAPORATION RATE (BUTYLACETATE = 1)</td>
<td>0</td>
</tr>
<tr>
<td>DECOMPOSITION TEMPERATURE, %</td>
<td>250 – 374ºF</td>
</tr>
<tr>
<td>pH 1% SOLUTION</td>
<td>4.5 – 5.5</td>
</tr>
<tr>
<td>MOLECULAR WEIGHT</td>
<td>110 - 117</td>
</tr>
</tbody>
</table>

15600 New Century Drive • Gardena, California, U.S.A. • TEL: 310-515-1700 • FAX: 310-515-4937
Constant Achievement Through Applied Research
Established 1918
CHEMICAL NAME: Proprietary mixture containing Ammonium Phosphate, Potassium Phosphate, Potassium Nitrate, Potassium Sulfate, Ammonium Sulfate, Ammonium Nitrate, Urea and Micronutrients.

IV – FIRE AND EXPLOSION

FLASH POINT, °F (Give Method): Greater than 300°F
AUTO IGNITION TEMPERATURE °F: N/A
FLAMMABLE LIMITS IN AIR (Vol.%): Non-Flammable
Lower (LEL): N/A
Upper (UEL): N/A

FIRE EXTINGUISHING MATERIALS: water spray, carbon dioxide
Alternate: dry chemical, other

SPECIAL FIREFIGHTING PROCEDURE: Use abundant amount of water in early stages of fire.

UNUSUAL FIRE & EXPLOSION HAZARDS: When large quantities are involved in fire, solids may fuse or melt. Noxious Flames may form, Nitrogen Oxides. In such conditions application of water may result in scattering of molten materials.

V – HEALTH HAZARD INFORMATION

L.D. 50: Not established.

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE:

INHALED: Dust can irritate upper respiratory system.

CONTACT WITH SKIN OR EYES: Prolonged skin contact may cause Dermatitis. Dust may irritate eyes.

ABSORBED THROUGH SKIN: Not known adverse effects at this time.

SWALLOWED: Nausea, diarrhea, diuresis, muscular debility.

FIRST AID (EMERGENCY) PROCEDURES:

EYE CONTACT: Wash thoroughly with water for at least 15 minutes. Hold eyelids apart during flushing. Send patient immediately to physician.

SKIN CONTACT: Wash with soap and water.

INHALED: Remove from exposure. Treat symptomatically.

SWALLOWED: Rinse mouth. Drink 2-3 glasses of water and seek medical assistance. Do not induce vomiting or give anything by mouth to an unconscious person.
VI - REACTIVITY DATA

STABILITY : X Stable Unstable

CONDITIONS TO AVOID : Heating with Sodium Peroxide; dissolving with Sodium Hyposulfite long exposure to tin, solder, tin plate or stagnates.

INCOMPATIBILITY Material to avoid : Corrosive to Aluminum, Steel, Brass, Copper.

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS): Nitrogen Oxides.

HAZARDOUS POLYMERIZATION: May occur X Will not occur

CONDITIONS TO AVOID : Avoid fire.

VII - SPILL, LEAK & DISPOSAL PROCEDURES:

SPILL RESPONSE PROCEDURE (Include employee protection measures):
Sweep into breaker. Dilute with sufficient water. Add soda ash. Mix and neutralize with 6% HCL. Drain into the sewer with abundant water.

PREPARING WASTES FOR DISPOSAL (Container types, neutralization, etc.) :
Remove slowly into a large container of water. Add soda ash, slightly stirring. After 24 hours, decant or siphon into another container. Neutralize with 6% HCL and drain into the sewer with abundant water.
VIII - SPECIAL HANDLING INFORMATION

VENTILATION & ENGINEERING CONTROLS: Good mechanical ventilation as dust level is sufficiently high.

RESPIRATORY PROTECTION (TYPE): Wear dust mask if excessive airborne dust is present.

EYE PROTECTION (TYPE): Safety glasses or goggles – wear if dust levels cause discomfort.

GLOVES (SPECIFIC MATERIAL): Rubber or plastic – to prevent irritation.

OTHER CLOTHING & EQUIPMENT: Wear protective work gown if desired.

WORK PRACTICES, HYGIENIC PRACTICES: Keep away from open flame. Avoid contact with organic matter. Put into a dry place.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Wear a dust protector and eye wear.