IDENTITY (As Used on Label and List)
TRA-MIN SWINE/POULTRY™

The information contained herein is based on data considered accurate; however, no warranty either expressed or implied of any nature with respect to the product or the data is made.

**Section I**

Manufacturer's Name  
**ANIMAL SCIENCE PRODUCTS**

Address (Number, Street, City, and ZIP Code)  
FM 1275 SOUTH, NACOGDOCHES, TX, 75963-1408

Telephone Number for Information  
1-800-657-2324 ANIMAL SCIENCE PRODUCTS

Date Prepared  
6/26/96

Signature of Preparer (optional)

**Section II-Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s) OSHA PEL ACGIH TLV Other limits % (optional)  
Recommended)

Calcium carbonate, ferrous sulfate, manganous oxide, zinc oxide, copper sulfate, and calcium iodate

**Section III - Physical/Chemical Characteristics**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Specific Gravity (H₂O = 1)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.)</td>
<td>NA</td>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>NA</td>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>NA</td>
</tr>
</tbody>
</table>

Solubility in water: Some components may be water soluble.

Appearance and Odor: White, brown, red, and gray mixtures of minerals.

**Section IV - Fire and Explosion Hazard Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Flammable Limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used):</td>
<td>Not combustible</td>
<td>LEL NA UEL NA</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>Foam, CO₂, dry chemical or water.</td>
<td></td>
</tr>
<tr>
<td>Special Fire Fighting Procedures:</td>
<td>In the event of fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.</td>
<td></td>
</tr>
</tbody>
</table>

Unusual Fire Fighting and Explosion Hazards: Not combustible
**Section V - Reactivity Data**

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid: Extreme heat.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>Stable under ordinary conditions</td>
<td></td>
</tr>
</tbody>
</table>

**Compatibility (Materials to Avoid):** NA

**Hazardous Decomposition or Byproducts:** May decompose if heated to produce irritating or toxic combustion products.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Not Occur</td>
<td>Will not occur</td>
<td></td>
</tr>
</tbody>
</table>

**Section VI - Health Hazard Data**

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation? Yes</th>
<th>Skin? Yes</th>
<th>Ingestion? Yes</th>
<th>Eyes? Yes</th>
</tr>
</thead>
</table>

**Health Hazards (Acute and Chronic):** Cobalt, Copper, Zinc, and Selenium salts may have oral human lethal doses in the range of 50 to 500 mg/kg.

**Carcinogenicity:** No

**Signs of Symptoms of Exposure:**
Ingestion of large doses of mineral salts usually cause vomiting, but the acute effects are described as nausea, chills, and diarrhea. Eye or skin irritation may occur following ingredient contact.

**Medical Conditions Generally Aggravated by Exposure:**

**Emergency and First Aid Procedures:**
- **Skin Contact:** Wash with soap and water. Seek medical attention if red and irritated.
- **Eye Contact:** Flush eyes immediately with water for 15 minutes. Seek medical attention if irritation persist.
- **Ingestion:** Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician immediately.
- **Inhalation:** Remove to fresh air and seek medical attention for any breathing difficulty.

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

**Steps to Be Taken in Case Material is Released or Spilled:**
Ventilate area. Clean-up personnel require respiratory protection. Recover uncontaminated material for use. Vacuum or sweep remaining material, keeping dust to a minimum.

**Waste Disposal Method:**
Dispose of unreclaimable material in a RCRA-approved waste facility.

**Precautions to Be Taken in Handling and Storing:**
Protect containers from damage and keep closed when not in use.

**Other Precautions:**
Observe good personal hygiene. Wash after handling.

**Section VIII - Control Measures**

**Respiratory Protection (Specify Type):**

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust: Recommended</th>
<th>Special:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mechanical (General):</td>
<td>Other:</td>
</tr>
</tbody>
</table>

**Protective Gloves:** Yes

**Eye Protection:** Yes

**Other Clothing or Equipment:**
Use other protective equipment when necessary in order to avoid prolonged exposure to skin.

**Work/Hygienic Practices:**
Observe good personal hygiene. Wash after handling.