IDENTITY (As Used on Label and List)

EQUINE SCIENCE PREMIX

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

Emergency Telephone Number
1-800-424-9300 CHEMTREC

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

P.O. DRAWER 631408

Date Prepared
6/26/96

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

INGREDIENTS:
- Rice Hulls
- Calcium carbonate
- Ferrous Sulfate
- Manganous Oxide
- Choline Chloride
- Vitamin E supplement
- Zinc Oxide
- Niacin
- D-Calcium Pantothenate
- Vitamin A supplement
- D-Activated Animal Sterol (A source of Vitamin D)
- Biotin
- Thiamine Mononitrate
- Riboflavin
- Copper Oxide
- Sodium Selenite
- Pyridoxine Hydrochloride
- Vitamin B-12 supplement
- Folic Acid
- Menadione
- Sodium Bisulfite Complex
- Ethylenediamine Dihydriodide
- Ethoxyquin and BHA
- Ethylenediamine Dihydriodide and Cobalt Carbonate.

Section III - Physical/Chemical Characteristics

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

Flash Point (Method Used): Not combustible

Flammable Limits: LEL NA UEL NA

Extinguishing Media:
Foam, co₂, dry chemical or water.

Special Fire Fighting Procedures:
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.

Unusual Fire Fighting and Explosion Hazards: Not combustible

Section V - Reactivity Data

Stability
- Unstable
- Stable Stable under ordinary conditions

Conditions to Avoid: Extreme heat.

Compatibility (Materials to Avoid): NA

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

Hazardous Polymerization
- May Occur
- Will Not Occur

Conditions to Avoid: Will not occur.
### Section VI - Health Hazard Data

**Route(s) of Entry:**
- Inhalation? Yes
- Skin? Yes
- Ingestion? Yes
- Eyes? Yes

**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
**NTP?** No
**IARC Monographs?** No
**OSHA Regulated?** 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:**
- **Eyes:** Flush eyes immediately with water for 15 minutes. Seek medical attention if irritation persist.
- **Skin:** Wash with soap and water. Seek medical attention if red and irritated.
- **Inhalation:** Remove to fresh air and seek medical attention for any breathing difficulty.
- **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.

### 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):**
- **Ventilation:** Local Exhaust: Recommended
  - **Special:**
  - **Mechanical (General):** Other:

**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.