IDENTITY OF SUBSTANCE (As Used on Label and List)  
AVAILA Cu 100

CHEMICAL NAME  
Copper Amino Acid Complex

Note: Blank spaces are not permitted, if any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name  
Zinpro Corporation

Address (Number, Street, City, State, and ZIP Code)  
6500 City West Parkway, Suite 300

Emergency Telephone Number  
Chemtrec 800 424-9300

Date Prepared  
February 1996

Section II — Hazardous Ingredients/Identity Information

IS THIS PRODUCT HAZARDOUS IN THIS CONCENTRATION UNDER 29 CFR PART 1910.1200?  
YES [X]  NO [ ]

IF YES, CHECK HEALTH HAZARD —  
☐ CARCINOGEN  ☐ HIGHLY TOXIC  ☐ SENSITIZER  ☐ TARGET ORGAN EFFECT

☐ CORROSIVE ☐ IRRITANT ☐ TOXIC

OR, CHECK PHYSICAL HAZARD —  
☐ COMBUSTIBLE LIQUID  ☐ COMPRESSED GAS  ☐ EXPLOSIVE

☐ FLAMMABLE  ☐ ORGANIC PEROXIDE  ☐ OXIDIZER

☐ PYROPHORIC  ☐ UNSTABLE (REACTIVE) OR WATER-REACTIVE

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

This product contains the following chemical, which may be subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cupric Oxide</td>
<td>1317-38-0</td>
<td>10% Cu</td>
</tr>
</tbody>
</table>

Section III — Physical/Chemical Characteristics

Boiling Point  
Not Applicable

Vapor Pressure (mm Hg)  
Not Applicable

Vapor Density (Air = 1)  
Not Applicable

Solubility in Water  
Not Soluble

Appearance and Odor  
Green Granular

Section IV — Fire and Explosion Hazard Data

Flammable Limits  
Not Applicable

Extinguishing Media  
Water, Foam, CO₂, or Dry Chemical.

Special Fire Fighting Procedures  
None Known.

Unusual Fire and Explosion Hazards  
None Known.
### Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>X</td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**  
Not Applicable

**Hazardous Decomposition or Byproducts**  
Not Applicable

<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>X</td>
<td></td>
</tr>
</tbody>
</table>

### Section VI — Health Hazard Data

Based on specific concentration as sold

**Route(s) of Entry:**  
Inhalation: May Cause Irritation.  
Skin: Contact May Cause Irritation.  
Ingestion: Of large amounts may be harmful.

**Health Hazards (Acute and Chronic)**  
None

<table>
<thead>
<tr>
<th>Carcinogenicity:</th>
<th>NTP?</th>
<th>IARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**Signs and Symptoms of Exposure**

Prolonged contact with eyes or skin may cause irritation. Prolonged inhalation may cause respiratory irritation.

**Medical Conditions**

Generally Aggravated by Exposure: Respiratory problems.

**Emergency and First Aid Procedures**

Wash eyes or skin with water. If necessary, seek medical attention.

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

**Steps to Be Taken in Case Material is Released or Spilled**

Recover uncontaminated material for use. Vacuum or sweep remaining material, keeping dust to a minimum.

**Waste Disposal Method**

Dispose of unreclaimable material in RCRA approved waste facility.

**Precautions to Be Taken in Handling and Storage**

Use face mask to avoid prolonged inhalation. Avoid prolonged skin contact. Store in dry place. Keep containers closed when not in use.

**Other Precautions**

Face Mask

Possibly necessary with prolonged contact.

**Section VIII — Control Measures**

Specify whether one or more controls are necessary (alone or in combinations)

**Respiratory Protection (Specify Type)**

<table>
<thead>
<tr>
<th>Face Mask</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is respiratory protection ☑ necessary ☐ unnecessary if ventilation identified below is used?</td>
</tr>
</tbody>
</table>

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

**Protective Gloves**  
Yes (Specify type) For prolonged contact. (rubber gloves)  
No

**Eye Protection**  
Yes (Specify type) For prolonged (goggles)  
No contact in dusty conditions

**Other Protective Clothing or Equipment**  
Not Applicable

**Hygienic Practices**

Good personal hygiene reduces possibility of skin irritation. Wash with soap and water after contact.