IDENTITY OF SUBSTANCE (As Used on Label and List)
CuFlex Copper Lysine

CHEMICAL NAME
Copper Lysine

Section I
Manufacturer's Name
Zinpro Corporation

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

Eden Prairie, MN 55344

Emergency Telephone Number
Chemtrec 800 424-9300

Telephone Number for Information
612 944-2736

Date Prepared
July 1991

Signature of Preparer (optional)

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))

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper Sulfate</td>
<td>7440-50-8</td>
<td>5-10% CU</td>
</tr>
</tbody>
</table>

Section III — Physical/Chemical Characteristics

Boiling Point
Not Applicable

Specific Gravity (H₂O = 1)
1.79

Vapor Pressure (mm Hg)
Not Applicable

Melting Point
Decomposes above 500° F

Vapor Density (Air = 1)
Not Applicable

Evaporation Rate
(Butyl Acetate = 1) Not Applicable

Solubility in Water
Soluble

Appearance and Odor
Dark Blue Powder

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)
None

Flammable Limits
Not Applicable

LEL
N.A.

UEL
N.A.

Extinguishing Media
Water, foam, CO₂, or dry chemical

Special Fire Fighting Procedures
Do not allow water to enter navigable or fish-bearing waters

Unusual Fire and Explosion Hazards
None
Section V — Reactivity Data

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

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Will Not Occur</td>
<td></td>
</tr>
<tr>
<td></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? Skin? Ingestion?

Health Hazards (Acute and Chronic)

None

Carcinogenicity:

<table>
<thead>
<tr>
<th>NTP?</th>
<th>IARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
<tr>
<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.

Other Precautions

Section VIII — Control Measures

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

Respiratory Protection (Specify Type)

Face Mask

Ventilation

- Local Exhaust X
- Mechanical (General)

Is respiratory protection □ necessary □ unnecessary if ventilation identified below is used?
 Possibly necessary with prolonged contact.

Protective Gloves

- Yes (Specify type)
- No

For prolonged contact. (rubber gloves)
Eye Protection

- Yes (Specify type)
- No

For prolonged (goggles)
contact in dusty conditions

Other Protective Clothing or Equipment

- Not Applicable

Hygienic Practices

- Good personal hygiene reduces possibility of skin irritation.

Is protective clothing □ necessary □ unnecessary if other control measures are used?