Material Safety Data Sheet

*** Section 1 - Chemical Product and Company Identification ***

Product Name: CUPRAN® Liquid

Product Use: Hand cleanser

Manufacturer Information

<table>
<thead>
<tr>
<th>Evonik Stockhausen, Inc.</th>
<th>Non-Emergency # 800-242-2271</th>
</tr>
</thead>
<tbody>
<tr>
<td>2401 Doyle Street</td>
<td>Emergency # (800) 424-9300 CHEMTREC (North America)</td>
</tr>
<tr>
<td>Greensboro, NC 27406</td>
<td>Emergency # (703) 527-3887 CHEMTREC (International, call collect)</td>
</tr>
</tbody>
</table>

General Comments
Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving the product. All Non-emergency questions should be directed to the Toll Free, Non-Emergency number above.

*** Section 2 - Hazards Identification ***

Emergency Overview
This product is irritating to the eyes and respiratory system.

Potential Health Effects: Eyes
This product may cause irritation to the eyes.

Potential Health Effects: Skin
None.

Potential Health Effects: Ingestion
Seek medical attention.

Potential Health Effects: Inhalation
Prolonged inhalation of concentrated vapors may cause irritation to the respiratory tract.

HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0 Pers. Prot.: None required.
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

Component Information/Information on Non-Hazardous Components
This product is a cosmetic intended for personal use in the workplace and is thus regulated by FDA. See container label regarding proper handling and use of this product. Ingredients are listed in descending order of concentration on the container label.

For OSHA workplace hazards, investigate and read and understand component MSDS’s before manufacturing.
Toxic Substances Control Act (TSCA): Exempt
*** Section 4 - First Aid Measures ***

First Aid: Eyes
In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

First Aid: Skin
No adverse effects expected with intended hand cleaner use.

First Aid: Ingestion
If material is swallowed, get medical attention or advice.

First Aid: Inhalation
If inhaled, immediately remove the affected person to fresh air.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards
None.

Upper Flammable Limit (UFL): Not Applicable
Lower Flammable Limit (LFL): Not Applicable
Method Used: PMCC
Flash Point: >100°C
Flammability Classification: Not Applicable
Auto Ignition: Not determined

Hazardous Combustion Products
None identified.

Extinguishing Media
Dry chemical, foam, carbon dioxide, water fog.

Fire Fighting Equipment/Instructions
No special equipment requirements.

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures
Absorb spill with inert material.

Clean-Up Procedures
Absorb spill with inert material. Shovel material into appropriate container for disposal. Flush small residuals to the drain for normal biological wastewater treatment.

Evacuation Procedures
None.

Special Procedures
None.

*** Section 7 - Handling and Storage ***

Handling Procedures
Keep containers closed. Avoid eye contact and prolonged inhalation of vapors.

Storage Procedures
May be stored up to three years if kept in original, unopened container at room temperature.
### Exposure Guidelines

**A: General Product Information**
- FDA regulated.
- For OSHA workplace hazards, investigate and read and understand component MSDS’s before manufacturing.

**B: Component Exposure Limits**
- No information is available.

**Engineering Controls**
- When handling large quantities, such as filling or refilling containers, ensure good general ventilation.

**PERSONAL PROTECTIVE EQUIPMENT**
- **Personal Protective Equipment: Eyes/face**
  - Avoid eye contact.
- **Personal Protective Equipment: Skin**
  - None.
- **Personal Protective Equipment: Respiratory**
  - Not required for normal product end use.
- **Personal Protective Equipment: General**
  - Obey reasonable safety precautions and practice good housekeeping.

### Physical & Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, yellow</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Established</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>~200°C</td>
</tr>
<tr>
<td>Solubility (H2O)</td>
<td>Disperses in water</td>
</tr>
<tr>
<td>Odor</td>
<td>Perfume fragrance</td>
</tr>
<tr>
<td>pH</td>
<td>5.0 - 7.0</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not Established</td>
</tr>
<tr>
<td>Melting Point</td>
<td>&lt; -5°C</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.02 g/cm³ @ 20°C</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 100°C (PMCC)</td>
</tr>
</tbody>
</table>

### Chemical Stability & Reactivity Information

**Chemical Stability**
- Stable under usual application conditions.

**Chemical Stability: Conditions to Avoid**
- None

**Incompatibility**
- Strong acids, alkalis and oxidizers.

**Hazardous Decomposition**
- None identified.

**Hazardous Polymerization**
- Hazardous polymerization will not occur.

### Toxicological Information

**Acute and Chronic Toxicity**

**A: General Product Information**
- Adverse effects on human health are not expected in normal use.

**B: Acute Toxicity-LD50/LC50**
- No LD50/LC50’s are available for this product’s components.
Material Safety Data Sheet

Product Name: Cupran Liquid

Carcinogenicity
A: General Product Information
   Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.
B: Component Carcinogenicity
   No information is available.

Other Toxicological Information
None.

*** Section 12 - Ecological Information ***

Ecotoxicity
A: General Product Information
   None identified.
B: Component Analysis - Ecotoxicity - Aquatic Toxicity
   No information available.

Environmental Fate
   Prevent concentrated product from penetrating surface waters without biological waste water treatment.

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions
A: General Product Information
   Controlled release of diluted product into a biological wastewater treatment plant.
B: Component Waste Numbers
   No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions
   Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

*** Section 14 - Transportation Information ***

International Transportation Regulations
   This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

*** Section 15 - Regulatory Information ***

US Federal Regulations
A: General Product Information
   Not subject to TSCA regulation. Regulated as a personal use cosmetic by FDA.
B: Clean Air Act
   No information is available.
C: Component Analysis
   No information is available.

State Regulations
A: General Product Information
   None identified.
B: Component Analysis - State
   None of this product's components listed in Section 2 are on the state lists from CA, FL, MA, MN, NJ, or PA.

Component Analysis - WHMIS IDL
   No components are listed in the WHMIS IDL.
Other Information
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

MSDS History
This is a revised MSDS. Section's 2 & 3 have been revised to reflect proposed 2004 ANSI Standards format recommendations for 2007 implementation.
1-26-09 Reviewed with no changes.

Contact: Product Compliance Officer

Contact Phone: (800) 242-2271

This is the end of MSDS #: SK-126B