1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Saccharomyces-Copper Ferment
Synonyms: No data available
INCI Name: Saccharomyces, copper ferment
CAS Number: N/A
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use
Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com
Emergency Telephone Number: 1-800-424-9300 (Chemitrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not a dangerous substance according to GHS
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards:
- Eyes: Not expected to be irritant.
- Inhalation: Not expected to be irritant.
- Skin: Not expected to be irritant.
- Ingestion: Not expected to be irritant.

NFPA Ratings (704):
- Health: N/A
- Flammability: N/A
- Reactivity: N/A

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saccharomyces-Copper</td>
<td>8013-01-2</td>
<td>86.2-92.2%</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ferment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>7.0-13.0%</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water for at least 15 minutes and seek medical attention if necessary.
Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin: Flush with plenty of water and wash using soap. Get medical attention if irritation occurs.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If large amounts swallowed or symptoms develop, get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: No data available
Specific hazards arising from the chemical: None known. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment & emergency procedures:

- Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
- Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
- Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

Environmental precautions:

- Methods and material for containment and cleaning up:

7 HANDLING & STORAGE

Precautions for safe handling:
- See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities:
- Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saccharomyces-Copper Ferment</td>
<td>Not available</td>
<td>STEL: Short Term Exposure Limit during x minutes</td>
<td>IDLH: Immediately Dangerous to Life or Health</td>
</tr>
<tr>
<td></td>
<td></td>
<td>REL: Recommended Exposure Limit</td>
<td>WEEL: Workplace Environmental Exposure Levels</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL: Permissible Exposure Limit</td>
<td>CEIL: Ceiling</td>
</tr>
</tbody>
</table>

Personal Protection:
- Eyes: Chemical safety goggles
- Inhalation: Government approved water respirator
- Body: Rubber boots; heavy rubber, compatible chemical-resistant gloves
- Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance, Physical State:</th>
<th>Slightly blue</th>
<th>Vapor Pressure:</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Slightly characteristic</td>
<td>Vapor Density:</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor Threshold:</td>
<td>No data available</td>
<td>Evaporation Rate:</td>
<td>Negligible (Butyl Acetate = 1)</td>
</tr>
<tr>
<td>Color:</td>
<td>Slightly blue</td>
<td>Flammability:</td>
<td>No data available</td>
</tr>
<tr>
<td>molecular Weight:</td>
<td>No data available</td>
<td>Upper/lower Explosive Limit:</td>
<td>No data available</td>
</tr>
<tr>
<td>pH:</td>
<td>No data available</td>
<td>Flash Point:</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>No data available</td>
<td>Specific Gravity:</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>No data available</td>
<td>Solubility:</td>
<td>Water soluble</td>
</tr>
<tr>
<td>Relative Density:</td>
<td>No data available</td>
<td>Auto-Ignition Temperature:</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water:</td>
<td>No data available</td>
<td>Decomposition Temperature:</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No data available</td>
<td>Explosive Properties:</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing Properties:</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Reactivity: No data available
Chemical Stability: Stable under usual conditions.
Hazardous Polymerization: Will not occur
Conditions to Avoid: No data available
Hazardous Decomposition Products: No data available

11 TOXICOLOGICAL INFORMATION
### Acute Toxicity: No toxicity
### Skin: May be harmful by skin absorption.
### Eyes: Not expected to be irritant
### Respiratory: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
### Ingestion: May be harmful if ingested.
### Carcinogenicity: No data available
### Teratogenicity: No data available
### Germ Cell Mutagenicity: No data available
### Specific Target Organ Toxicity: No data available
### Reproductive Toxicity: No data available
### Respiratory/Skin Sensitization: No data available
### Sensitization: No data available
### Irritation: No data available
### Repeated Dose Toxicity: No data available

### 12 ECOLOGICAL INFORMATION

#### Ecotoxicity
- Aquatic Vertebrate: No data available
- Aquatic Invertebrate: No data available
- Terrestrial: No data available
- Persistence and Degradability: No data available
- Bioaccumulative Potential: No data available
- Mobility in Soil: No data available
- PBT and vPvB Assessment: No data available
- Other Adverse Effects: No data available

### 13 DISPOSAL CONSIDERATIONS

#### Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

#### Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods.

### 14 TRANSPORT INFORMATION

#### DOT (Dept. of Transportation, USA): No data available
#### TDG (Transportation of Dangerous Goods, Canada): No data available
#### IMDG (International Maritime Dangerous Goods): No data available
#### IATA (International Air Transport Association): No data available
#### ICAO (International Civil Aviation Organization): No data available

### 15 REGULATORY INFORMATION

#### TSCA Inventory Status: No data available
#### DSCL (EEC): No data available
#### WHMIS (Canada): No data available
#### EU EINECS/ELINCS/NLP: No data available
#### China IECSC: No data available
#### China IECIC (06.30.2014): No data available
#### Australia AICS: No data available
#### New Zealand NZIoC: No data available

### 16 OTHER INFORMATION