Section 1: Product Identification
Chemical Name: Coproporphyrin III dihydrochloride
Product Number: 07-0305
CAS Registry Number: 14643-66-4
Formula: C36H38N4O8.2HCl
EINECS Number: none
Chemical Family: porphine (porphyrin) ligand
Synonym: None

Section 2: Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Percent</th>
<th>ACGIH (TWA)</th>
<th>OSHA (PEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title Compound</td>
<td>14643-66-4</td>
<td>100%</td>
<td>no data</td>
<td>no data</td>
</tr>
</tbody>
</table>

Section 3: Hazards Identification
Emergency Overview: No particular hazard associated with this material.
Primary Routes of Exposure: Ingestion, inhalation
Eye Contact: May cause slight to mild irritation of the eyes.
Skin Contact: May cause slight to mild irritation of the skin.
Inhalation: May be irritating to the nose, mucous membranes and respiratory tract.
Ingestion: No specific information is available on the physiological effects of ingestion.
Acute Health Affects: May be irritating to skin, eyes and respiratory tract.
Chronic Health Affects: No information available on long-term chronic effects.
NTP: No
IARC: No
OSHA: No

SECTION 4: First Aid Measures
Eye Exposure: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.
Skin Exposure: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.
Inhalation: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.
Ingestion: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.
SECTION 5: Fire Fighting Measures
- Flash Point: no data
- Autoignition Temperature: none
- Explosion Limits: none
- Extinguishing Medium: carbon dioxide, dry powder or foam
- Special Fire Fighting Procedures: If this material is involved in a fire, fire fighters should be equipped with a NIOSH approved, positive pressure self contained breathing apparatus and full protective clothing.
- Hazardous Combustion and Decomposition Products: If involved in a fire this material may emit toxic organic fumes.
- Unusual Fire or Explosion Hazards: No unusual fire or explosion hazards.

SECTION 6: Accidental Release Measures
- Spill and Leak Procedures: Small spills can be mixed with vermiculite or sodium carbonate and swept up.

SECTION 7: Handling and Storage
- Handling and Storage: Store in a tightly sealed container. Keep away from heat and direct sunlight.

SECTION 8: Exposure Controls and Personal Protection
- Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.
- Skin Protection: Wear protective clothing and gloves.
- Ventilation: Material may form a fine dust. If possible, handle the material in an efficient fume hood.
- Respirator: If ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134.
- Ventilation: Material may form a fine dust. If possible, handle the material in an efficient fume hood.
- Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties
- Color and Form: purple xtl.
- Molecular Weight: 727.64
- Melting Point: no data
- Boiling Point: no data
- Vapor Pressure: no data
- Specific Gravity: no data
- Odor: none
- Solubility in Water: soluble

SECTION 10: Stability and Reactivity
- Stability: air and moisture stable solid
- Hazardous Polymerization: no hazardous polymerization
- Conditions to Avoid: none
- Incompatibility: oxidizing agents
- Decomposition Products: carbon dioxide, carbon monoxide, nitrogen oxides, and organic fumes
SECTION 11: Toxicological Information

RTECS Data: No information available in the RTECS files.
Carcinogenic Effects: No data available
Mutagenic Effects: No data available
Tetratogenic Effects: No data available

SECTION 12: Ecological Information

Ecological Information: No information available

SECTION 13: Disposal Considerations

Disposal: Dispose of according to local, state and federal regulations.

SECTION 14: Transportation

Shipping Name (CFR): Non-hazardous
Hazard Class (CFR): NA
Additional Hazard Class (CFR): NA
Packaging Group (CFR): NA
UN ID Number (CFR): NA
Shipping Name (IATA): Non-hazardous
Hazard Class (IATA): NA
Additional Hazard Class (IATA): NA
Packaging Group (IATA): NA
UN ID Number (IATA): NA

SECTION 15: Regulatory Information

TSCA: Not listed in the TSCA inventory.
SARA (Title 313): Not reportable under SARA Title 313
Second Ingredient: none
Third Ingredient: none

SECTION 16: Other Information

The information herein is believed to be accurate and reliable as of the date compiled. However, Strem Chemicals, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information contained in this document or any use of the product based on this information.

Preparation Date: 8/26/2000
Revision Date: 10/04/2011