SECTION 1       PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Copper (II) Methoxide  
PRODUCT NUMBER: 1564 
CAS NUMBER: 1184-54-9 
MANUFACTURER: Prochem, Inc. 
826 Roosevelt Road  
Rockford, IL  61109 
PHONE: 815-398-1788 
FAX: 815-398-1810 
TOLL FREE: 800-795-8788 

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

SECTION 2       HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Pictogram

Signal Word: Warning

Hazard Statements

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>H228</td>
<td>Flammable solid.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
</tbody>
</table>

Precautionary Phrases

<table>
<thead>
<tr>
<th>Precautionary Phrase</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P210</td>
<td>Keep away from heat/sparks/open flames/hot surfaces. No smoking.</td>
</tr>
<tr>
<td>P280</td>
<td>Wear protective gloves/protective clothing.</td>
</tr>
<tr>
<td>P304+P351+P338</td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>P337+P313</td>
<td>If eye irritation persists: Get medical advice/attention.</td>
</tr>
</tbody>
</table>

HMIS CLASSIFICATION:

- Health: 1
- Fire: 2
- Reactivity Hazard: 1

NFPA RATING:

- Health: 1
- Flammability: 2
- Reactivity Hazard: 1

EYE CONTACT: Causes serious eye irritation.

SKIN CONTACT: Causes skin irritation.

INHALATION: May cause respiratory irritation.

INGESTION: Harmful if swallowed.
SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: Cu(OCH₃)₂

Molecular Weight: 125.61

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper (II) Methoxide</td>
<td>1184-54-9</td>
<td>100</td>
</tr>
</tbody>
</table>

SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash affected area with plenty of water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove to fresh air and keep at rest. 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: Do not induce vomiting. Seek competent medical assistance immediately.

SECTION 5 FIREFIGHTING MEASURES

FLASH POINT: No data
AUTO IGNITION TEMPERATURE: Not available
EXPLOSION LIMITS: Not available
EXTINGUISHING MEDIUM: Carbon dioxide, extinguishing powder, or water spray. Fight large fires with water spray or alcohol resistant foam.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Carbon oxides and copper oxide

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear all appropriate equipment when using this material. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust.
ENVIRONMENTAL PRECAUTIONS: Prevent spillage from entering drains or allowing to be released into the environment.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Absorb spill with inert material. Sweep up and place in suitable container for proper disposal.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wear appropriate personal protective equipment. Ensure adequate ventilation. Avoid contact with skin and eyes. Handle under dry inert gas. Keep ignition sources away. Dust can combine with air to form an explosive mixture.
CONDITIONS FOR SAFE STORAGE: Store in cool, dry, and well-ventilated area. Store away from oxidizing agents, acids, water, and moisture. Store under dry inert gas.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE CONTROLS: Contains no substances with occupational exposure limit values.
EYE PROTECTION: Wear chemical safety glasses or goggles and face shield.
SKIN PROTECTION: Wear nitrile or rubber gloves, and a complete suit protecting against chemicals.
VENTILATION: Provide local exhaust, preferably mechanical.
RESPIRATOR: Use an approved respirator.
ADDITIONAL PROTECTION: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.
SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: Blue-green powder
ODOR: Alcohol like odor
MOLECULAR WEIGHT: 125.61
BOILING POINT: No data available
MELTING POINT: 206° C (dec.)
SPECIFIC GRAVITY: No data available
VAPOR DENSITY: No data available
SOLUBILITY: Reacts, decomposes in water and acids.

SECTION 10  STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Sparks, flame, heat, electrostatic charges, and sources of ignition.
INCOMPATIBILITY: Oxidizing agents, acids, water, and moisture.
DECOMPOSITION PRODUCTS: Carbon oxides and copper oxide

SECTION 11  TOXICOLOGICAL DATA

ACUTE TOXICITY: Not available
CARCINOGENIC EFFECTS: No component of this product present at levels greater than or equal to 0.1% is considered to be a human carcinogen.
MUTAGENIC EFFECTS: Not available
TETRATOCOGENIC EFFECTS: Not available
CHRONIC TOXICITY: Not available
RTECS: No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12  ECOLOGICAL DATA

No information available

SECTION 13  DISPOSAL CONSIDERATIONS

Dispose of in accordance to local, state, and federal regulations.

SECTION 14  TRANSPORTATION DATA

UN3181
Metal salts of organic compounds, flammable, n.o.s.
(Copper (II) Methoxide)
Class 4.1
PG III

Marine Pollutant: No

SECTION 15  REGULATORY INFORMATION

TSCA: No data
SARA (TITLE 313): Copper (II) Methoxide
CALIFORNIA PROP. 65: Not Listed
SECTION 16 OTHER INFORMATION

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

DATE PREPARED: 04/15
SDS DEPT.

COPPER (II) METHOXIDE