



Section 1. Product and Company Identification

Product Name Sodium Copper Chlorophyllin
CAS Number 11006-34-1

Parchem - fine & specialty chemicals

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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Classification (GHS-US): Not classified

Other hazards: No additional information available

Section 3. Composition / Information on Ingredients

Common Name Sodium Copper Chlorophyllin
Synonym(s) Chlorophyllin, coppered trisodium salt
Formula $C_{34}H_{31}CuN_4Na_3O_6$
CAS Number 11006-34-1

COMPONENT	CAS NUMBER	CONCENTRATION
Sodium Copper Chlorophyllin	11006-34-1	100%

Section 4. First Aid Measures

Description of first aid measures

General: Call a physician immediately.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin contact: Wash with plenty of soap and water.

Eye contact: Rinse cautiously with water for several minutes.

Ingestion: Do not give an unconscious person anything to drink. Rinse mouth out with water.

Most important symptoms and effects, both acute and delayed: No additional information available

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5. Firefighting Measures

Extinguishing media

Suitable extinguishing media: Dry chemical, alcohol-resistant foam, water spray, carbon dioxide.

Special hazards arising from the substance or mixture

Fire hazard: Carbon oxides. Nitrogen oxides. Sodium oxides.

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

General measures: Avoid dust formation. Avoid breathing (dust, vapor, mist, gas).

For non-emergency personnel

Emergency procedures: Ventilate spillage area. Evacuate unnecessary personnel.

For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions: Avoid release to the environment.

Methods and material for containment and cleaning up

For containment: Sweep up or vacuum up the product. Keep in suitable, closed containers for disposal.

Methods for cleaning up: Recover mechanically the product.

Other information: Dispose of materials or solid residues at an authorized site.

Reference to other sections: For further information refer to section 13.

Section 7. Handling and Storage

Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool. Keep dry. Store in a well-ventilated place. Keep container tightly closed.

Storage temperature: 2 - 8°C

Section 8. Exposure Controls / Personal Protection

Control parameters

ACGIH: Not applicable

OSHA: Not applicable

Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station.

Hand protection: protective gloves.

Eye protection: Safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls: Avoid release to the environment.

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state: Solid

Appearance: Powder

Color: Dark green

Odor: Odorless

Odor threshold: No data available

pH: No data available

pH solution: 9.5 - 10.7 in 1% solution

Melting point: No data available

Freezing point: Not applicable

Boiling point: No data available

Flash point: Not applicable

Relative evaporation rate (butyl acetate=1): No data available

Flammability (solid, gas): No data available

Explosion limits: Not applicable

Explosive properties: No data available

Oxidizing properties: No data available

Vapor pressure: No data available

Relative density: Not applicable



Relative vapor density at 20°C: No data available

Molecular mass: 724.15 g/mol

Solubility: No data available

Log Pow: No data available

Log Kow: No data available

Auto-ignition temperature: Not applicable

Decomposition temperature: No data available

Viscosity: No data available

Viscosity, kinematic: Not applicable

Viscosity, dynamic: No data available

Other information: No additional information available

Section 10. Stability and Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: None under recommended storage and handling conditions (see section 7).

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: No additional information available

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity: Not classified

Sodium Copper Chlorophyllin (11006-34-1)

LD50 oral rat

7000 mg/kg

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified



Section 12. Ecological Information

Toxicity

General: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Persistence and degradability: No additional information available

Bioaccumulative potential: No additional information available

Mobility in soil: No additional information available

Other adverse effects: No additional information available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Department of Transportation (DOT)

No dangerous good in sense of transport regulations

Additional information

Other information: No supplementary information available.

ADR: No additional information available

Transport by sea: No additional information available

Air transport: No additional information available

Section 15. Regulatory Information

US Federal regulations

No additional information available

International regulations

Canada: No additional information available

EU-Regulations: No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]: Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified

National regulations: All components of this product are listed on the Toxic Substances Control Act (TSCA) inventory

US State regulations

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - New Jersey - Right to Know Hazardous Substance List



HMIS III Rating

Health: 2

Flammability: 1

Physical: 0

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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