

SAFETY DATA SHEET

Date Printed: 04/30/2024

Date Revised: 01/15/2022

SECTION 1. IDENTIFICATION

Product Identifier: Copper(II) Stearate

Product Code: CU2-STAT-01-C

CAS Number: 660-60-6

Relevant identified uses of the substance: Scientific research and development

Supplier details:

American Elements
10884 Weyburn Ave.
Los Angeles, CA 90024
Tel: +1 310-208-0551
Fax: +1 310-208-0351
Emergency telephone number:
+1 800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with Hazardous Products Regulations (HPR) (SOR/2015-17)

Acute toxicity, oral(Category 4) H302

Skin corrosion/irritation (Category 2) H315

Serious eye damage/eye irritation(Category 2A) H319

Acute toxicity, inhalation (Category 4) H332

Specific target organ toxicity, single exposure;Respiratory system(Category 3) H335



Signal word: Warning

Hazard statement(s)

H302

Harmful if swallowed

H315

Causes skin irritation

H319

Causes serious eye irritation

H332

Harmful if inhaled

H335

May cause respiratory irritation

Precautionary statement(s)

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

Additional precautionary phrases are located throughout the safety data sheet

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Molecular Formula: C₃₆H₇₀CuO₄

Molecular Weight: 630.49

Copper(II) stearate

CAS Number 660-60-6

SECTION 4. FIRST AID MEASURES

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim

immediately to hospital. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, dry chemical or carbon dioxide

Unsuitable extinguishing media: no data
Special hazards arising from the substance or mixture
In combustion toxic fumes may form.
Advice for firefighters
Wear self-contained breathing apparatus.
Wear protective clothing to prevent contact with skin and eyes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas.
Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Do not attempt to take action without suitable protective clothing.
For personal protection see section 8.
Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river.
Alert the neighbourhood to the presence of fumes or gas.
Methods and materials for containment and cleaning up
Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling.
Ensure there is sufficient ventilation of the area.
Normal measures for preventive fire protection. For precautions see section 2.2.
Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully
resealed and kept upright to prevent leakage. Inert atmosphere, Room Temperature
Specific end use(s)
The end use(s) have not been fully determined. The substance is supplied for Research and Development
purposes by professionals only

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Components with workplace control parameters
Contains no substances with occupational exposure limit values.
Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday
Personal protective equipment
Eye/face protection
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate

government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after

use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to

the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type

N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is

the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested

and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Blue to green powder or crystals

Boiling Point No data available

Melting Point No data available

Odour No data available

Odour Threshold No data available

pH No data available

Flash point No data available

Evaporation rate No data available

Vapour pressure No data available

Vapor Density No data available

Relative density No data available

Solubility in water No data available

Auto-ignition temperature No data available

Decomposition temperature No data available

Viscosity No Data No data available

Explosive properties No data available

Oxidizing properties No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available
Incompatible materials
Strong oxidizing agents
Hazardous decomposition products
Carbon monoxide, carbon dioxide, metallic oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity No data available
Skin corrosion/irritation No data available
Serious eye Damage/irritation No data available
Respiratory or skin sensitisation No data available
Germ Cell mutagenicity No data available
Carcinogenicity No data available
Reproductive toxicity No data available
STOT-single exposure No data available
STOT-repeated exposure No data available
Aspiration hazard No data available

Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH

SECTION 12. ECOLOGICAL INFORMATION

Toxicity
No data available.
Persistence and degradability
No data available.
Bioaccumulative potential
No data available.
Mobility in soil
No data available
Results of PBT and vPvB assessment
No data available
Other adverse effects
No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal Operations
Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste.
Disposal of Packaging
Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

DOT (US)

Classed non-hazardous for shipping.

IMDG

Classed non-hazardous for shipping.

IATA

Classed non-hazardous for shipping.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental and national regulations:

Product is not subject to any additional regulations or provisions

California Proposition 65

Not listed on California's listing of known or potential carcinogens.

Safety Assessment

No Chemical Safety Assessment

16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). 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. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.