SAFETY DATA SHEET – GHK-Cu

In accordance with Regulation (EC) No. 1907/2006 (REACH)

Version: 1.1
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SECTION 1: Identification of the substance or mixture and of the company/undertaking

1.1 Product identifier

Product name: **GHK-Cu 50mg**
Product number: **RCP-004-1**

REACH No.:
A registration number is not available for this substance as the substance or its uses are exempt from registration.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, scientific research.

Uses advised against:
Not for consumption or use in humans or animals.

1.3 Details of the supplier of the safety data sheet

Supplier: Shenzhen Guangliyuan International Logistics Co., Ltd.

Adress: Room 219, Phase II, Huiheng Building, No. 138, Gaoxin South 7th Road, Gaoxin Community, Yuehai Street, Nanshan District, Shenzhen

E-mail: 15353630867@163.com

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified as a hazardous substance according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not classified as a hazardous substance according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

This substance/mixture does not contain components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

SECTION 3: Composition / information on ingredients

GHK-Cu
CAS: 49557-75-7
Molecular formula: C15H22N6O3Cu
Molecular weight: 397.5 g/mol

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation: Move the affected person to fresh air. If necessary, provide oxygen or artificial respiration.

In case of skin contact: Wash skin with water and soap.

In case of eye contact: Rinse eyes with water for several minutes.

In case of ingestion: Rinse mouth with water. Do not give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray, carbon dioxide (CO_2), alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

Carbon monoxide, nitrogen oxides (NOx), toxic fumes.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing when fighting fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use appropriate protective equipment.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and material for containment and cleaning up

Collect the material and place it in a suitable container for disposal.

6.4 Reference to other sections

For disposal see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store container tightly closed in a dry, cool, and well-ventilated place. Keep away from heat sources and open flames.

7.3 Specific end use(s)

Apart from the uses listed in Section 1.2, no further specific uses are intended.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Eye protection: Wear safety goggles in accordance with EN 166.
Skin protection: Wear chemical-resistant protective gloves.
Respiratory protection: Use P1 filter masks if ventilation is insufficient.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Physical state: Solid
b) Colour: No data available
c) Odour: No data available
d) Melting point: No data available
e) Boiling point: No data available
f) Flammability/explosive limits: No data available
g) Flash point: No data available
h) Auto-ignition temperature: No data available
i) Decomposition temperature: No data available
j) pH: No data available
k) Kinematic viscosity: No data available
l) Solubility in water: No data available
m) Partition coefficient (octanol/water): No data available
n) Vapour pressure: No data available

o) Density: No data available
p) Relative density: No data available
q) Relative vapour density: No data available
r) Particle characteristics: No data available
s) Explosive properties: No data available
t) Oxidising properties: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

The substance is stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Extreme temperatures, direct sunlight, moisture.

10.5 Incompatible materials

Strong oxidising agents, acids, alkalis.

10.6 Hazardous decomposition products

In the event of a fire, toxic gases such as carbon monoxide and nitrogen oxides may be released.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:
Oral: No data available
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation: No data available.
Serious eye damage/eye 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.

SECTION 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Contains no components classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Return unused product for proper disposal in accordance with local regulations.
Contaminated packaging: Dispose of in accordance with hazardous waste regulations.

SECTION 14: Transport information

14.1 UN number

ADR/RID: – , IMDG: – , IATA: –

14.2 UN proper shipping name

ADR/RID: Not classified as dangerous goods
IMDG: Not classified as dangerous goods
IATA: Not classified as dangerous goods

14.3 Transport hazard class(es)

ADR/RID: – , IMDG: – , IATA: –

14.4 Packing group

ADR/RID: – , IMDG: – , IATA: –

14.5 Environmental hazards

ADR/RID: No
IMDG: Marine pollutant: No

14.6 Special precautions for user

IATA: No
Not classified as dangerous according to transport regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations:

- Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2011, No. 63, item 322, as amended).
- Regulation (EC) No. 1907/2006 (REACH).
- Regulation (EC) No. 1272/2008 (CLP).
- Regulation of the Minister of Health of 10 August 2012 on criteria and classification of chemical substances and mixtures.
- Regulation of the Minister of Health of 20 April 2012 on labelling of packaging of hazardous substances and mixtures.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

SECTION 16: Other information

The information provided is correct to the best of current knowledge but does not purport to be complete and shall be used only as guidance for safe handling. This information does not constitute a guarantee of product properties. The company and its affiliates shall not be held liable for any damage resulting from handling or contact with the product.