

Material Safety Data Sheet

Section 1 – Identification of the Product and Company Identification

Product identification

Product Name: Copper Tripeptide-1

Details of the Supplier of the Safety Data Sheet

Flychem India Pvt Ltd.

#46, Anusha Avenue, Road No.71, Nava Nirman Nagar,

Jubilee Hills, Hyderabad-500033, Telangana, India.

Emergency contact number: +91 98884 35555

Recommended uses and restricted uses of the substance or mixture

Identified uses: Cosmetics and R&D purposes.

Section 2 - Hazards Identification

Emergency overview: This product is a bluish to bluish purple crystalline powder, a non-hazardous substance, with no health and environmental hazard data.

GHS hazard classes: Not a hazardous substance or mixture.

GHS label elements, including precautionary statements, not a hazardous substance or mixture:

No information/data available.

Physical and chemical hazards: No information/data available.

Health hazards: No information/data available.

Environmental hazards: No information/data available.

Other hazards: No information/data available.

Section 3: Ingredients / Composition Information

Substance

Component	INCI Name	CAS Number	Concentration (weight percent, %)
Copper Tripeptide-1	Copper Tripeptide-1	89030-95-5	99.8

Section 4 - First Aid Measures

Description of necessary first aid measures

Inhalation: If inhaled, remove the victim to fresh air.

Skin contact: Remove contaminated clothing and wash skin thoroughly with soap and water. Get medical attention if you feel unwell.

Eye contact: Separate the eyelids and rinse with running water or normal saline.

Seek medical attention Immediately.

Ingestion: rinse mouth; do not induce vomiting. Seek medical attention immediately.

Most important symptoms and health effects: Please refer to Section 2 and Section 11.

Indication and indication of immediate medical attention and special treatment needed: No data available.

Special notes for doctors: No data available.

Section 5 - Fire Fighting Measures

Extinguishing media: The fire extinguishing method and agent are water mist, alcohol-resistant foam, dry chemical, or carbon dioxide.

Specific hazards arising from the substance or mixture: Carbon oxides, nitrogen oxides.

Firefighting precautions and protective measures: If necessary, wear self-contained breathing apparatus for firefighting operations.

Section 6 - Accidental Release Measures

Personal protective measures, protective equipment, and emergency procedures: Avoid dust generation. Avoid breathing vapor, mist, or gas. For personal protection, please refer to Section 8.

Environmental protection measures: No special environmental precautions are required.

Containment and removal methods of spilled chemicals and disposal materials used: Sweep up and shovel up, and place in a suitable closed container for disposal.

Reference to other sections: Please refer to Section 13 for disposal.

Section 7 - Handling and Storage

Precautions for safe operation: Provide suitable exhaust ventilation where dust is formed. Please refer to Section 2.2 for precautionary measures.

Conditions for safe storage

- Avoid light, sealed, and cool for long storage periods.
- It should be stored separately from oxidants and food chemicals and should not be stored together (Refer to Part 10 for incompatible substances).
- Keep the container tightly closed.
- Keep away from fire and heat sources.
- The warehouse must be equipped with lightning protection equipment.
- The exhaust system should have a grounding device that conducts static electricity.
- Explosion-proof lighting and ventilation are adopted.
- Prohibit the use of equipment and tools prone to sparks.
- The storage area should have leakage emergency treatment equipment and suitable containment materials.

Section 8 - Exposure Controls/Personal Protection

Control parameters: Hazardous Composition and Occupational Exposure Limits Substances that do not contain Occupational Exposure Limits.

Exposure controls: Appropriate technical controls for routine industrial hygiene practices.

Personal protective equipment

Eye and face protection: Use equipment for eye protection tested and approved by official standards such as NIOSH (US) or EN166 (EU).

Skin protection: Wear gloves, which must be inspected before use. Please use a suitable method to remove the gloves (do not touch the glove's outer surface), and avoid any skin contact with this product. After use, please dispose of the contaminated gloves carefully in accordance with relevant laws and regulations and effective laboratory regulations. Please wash and Blow dry your hands. The chosen protective gloves must comply with the specifications given in Regulation (EU) 2016/425 and the EN374 standard derived from it.

Body protection: Choose body protection measures based on the hazardous substance's type, concentration, and amount, as well as the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the hazard in a particular workplace.

Respiratory protection: No respiratory protection is required. For protection against dust damage, use a type N95 (US) or type P1 (EN143) dust mask. Use respirators and parts that have been tested and approved to government standards, such as NIOSH (US) or CEN (EU).

Environmental exposure controls: No specific environmental precautions are required.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance and properties	: Bluish to bluish purple crystalline powder powder
Odor	: Characteristic odor
Odor threshold	: No information/data available
pH value	: 5.5-7.0
Melting point/freezing point Melting point/melting point range	: No information/data available
Initial boiling point and boiling range	: No information/data available
Flash point	: No information/data available
Evaporation rate	: No information/data available
Flammability (solid, gas)	: No information/data available
Upper/lower flammability or explosive limits	: No information/data available
Vapor pressure	: No information/data available
Vapor density	: No information/data available
Density/relative density:	No information/data available
Water solubility	: No information/data available
Partition coefficient n-octanol/water	: No information/data available
Autoignition temperature	: No information/data available
Decomposition temperature	: No information/data available
Viscosity	: No information/data available
Explosive properties	: No information/data available
Oxidizing properties	: No information/data available
Additional safety information	: No data available

Section 10 - Stability and Reactivity

Stability: This product is stable when stored and used at room temperature. Refrigeration is recommended for long-term storage.

Hazardous reactions: No information/data available.

Conditions to avoid: No information/data available.

Incompatibilities: Strong complexes, strong oxidants, strong acids, and bases.

Hazardous decomposition products: In case of fire, it will decompose producing harmful substances. Carbon oxides, nitrogen oxides.

Other decomposition products: No information/data available.

In case of fire: Refer to Section 5 for firefighting measures.

Section 11 - Toxicological Information

Information on toxicological effects: No information/data available.

Serious eye damage/eye irritation: No information/data available.

Respiratory or skin sensitization: No information/data available.

Germ cell mutagenicity: No information/data available.

Carcinogenicity: No information/data available.

Reproductive Toxicity Specific Target Organ Toxicity (Single Exposure): No information/data available.

Specific Target Organ Toxicity (Repeated Exposure): No information/data available.

Aspiration hazard: No information/data available.

Section 12 - Ecological Information

Ecotoxicity: No data available.

Persistence and Degradability: No data available.

Bioaccumulation potential: No data available.

Mobility in soil: No data available.

Other harmful effects on the environment: No data available.

Section 14 - Transport Information

UN number: No information/data available.

UN shipping name: No information/data available.

Transport hazard classes

European Road Dangerous Regulations: Non-dangerous goods.

International Maritime Dangerous Regulations: Non-dangerous goods.

Dangerous regulations for international air transport: Non-dangerous goods.

Package groups: No information/data available.

Environmental hazards:

European Agency for Road Transport/European Agency for Rail Transport: No

IMDG Code Marine Pollutants (yes/no): No

International air freight regulations: No

Special precautions: Please select the appropriate means of transport and corresponding transport and storage conditions according to the nature of the chemical. The means of transportation should be equipped with corresponding types and quantities of fire-fighting materials and leakage emergency treatment equipment. If you choose road transportation, please follow the prescribed route.

Incompatibilities: No information/data available.

Section 15 - Regulatory Information

Safety, health, and environmental regulations/regulations specific to the substance or mixture

Component: Copper Tripeptide-1

CAS Number: 49557-75-7

The product quality complies with the "Safety and Technical Specifications for Cosmetics (2015 Edition)"

The products are included in the "Catalogue of Used Cosmetic Raw Materials (2021 Edition)"

Not included in the "Prohibited Component List Cosmetics Safety Technical Specifications (2015 Edition)"

Not included in the "Restricted Component List Cosmetics Safety Technical Specifications (2015 Edition)"

Hazardous Chemical Management Regulations: Not included in the "Catalog of Hazardous Chemicals (2018 Edition)".

Hazardous Chemical Management Regulations

Not included in the Catalog of Hazardous Chemicals (2018 Edition).

Measures for Environmental Management Registration of Hazardous Chemicals (Trial): Not included in the Catalog of Hazardous Chemicals for Key Environmental Management.

List of key regulated chemicals:

The List of the first batch of hazardous chemicals for key supervision is not included.

The "Second Batch of Key Regulatory Hazardous Chemicals List" is not included.

For other regulations, please note that waste disposal should also meet the requirements of local regulations.

Section 16 - Other Information

Preparation and revision information:

This edition has been prepared following GB/T 16483-2008, GB/T 17519-2013, and the GB 30000 series of classification standards.

The information above is considered correct but is not all-inclusive and is intended as a guide only. The information in this document is based on what we know to be the correct safety tips applicable to this product. The information does not represent a guarantee of the properties of this product.