

Material Safety Data Sheet SpecPed[®] GCu 21P

according to EC Directive 1907/2006 (REACH)

Section 1 - Identification of substance

freely adapted by Selco from original MSDS 01/01/2019

- 1.1 Product Identifier:** SpecPed[®] GCu 21P
- 1.2 Application of the substance / the preparation:** Chemicals for use in cosmetics
- 1.3 Trader:** **Selco, Wirkstoffe Vertriebs GmbH**
Straßburg 16
69483 Wald-Michelbach / Germany
info@gfn-selco.de Tel. +49 6207 922 80
www.gfn-selco.de Fax +49 6207 922 810
- Manufacturer:** Spec-Chem Industry Inc., China
- 1.4 Emergency information:** Beratungsstelle für Vergiftungserscheinungen Mainz
Tel. +49 6131 192 40 or 232 466
Fax: +49 6131 232 469
Selco Emergency phone number: Tel. +49 179 506 151 9

Section 2 - Hazards Identification

- 2.1 Classification:** Not classified according to the Regulation (EC) No. 1272/2008.
- 2.2 Label elements:** Not relevant.
- 2.3 Other hazards:** None.
- Not identified as PBT or vPvB according to the Annex XIII of the Regulation (EC) No. 1907/2006 as amended.

Section 3 - Composition / Data on components

- 3.1 Substance:** SpecPed[®] GCu 21P
- Ingredient:** GHK₂-Cu
- INCI Name:** Bis(Tripeptide-1) Copper Acetate
- CAS No.:** 130120-57-9
-Composition:** <100 %
- 3.2 Mixture:** none

Section 4 - First Aid Measures

4.1 Description of first aid measures:

- Eye contact:** Flush eyes gently with water for at least 15 minutes while holding eyelids apart: seek immediately medical attention.
- Skin contact:** Take off all contaminated clothing immediately. Wash off with soap and plenty of water.
- Inhalation:** If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediately medical attention.

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Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Indication of any immediate medical attention: no data available

Section 5 - Fire-Fighting Measures

5.1 Extinguishing media: dry powder, foam

5.2 Special hazards arising from the mixture: hydrogen chloride, harmful vapours.

5.3 Advice for firefighters: Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

Section 6 - Accidental Release Measures

6.1 Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

6.2 Environmental precautions: Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections: For disposal see section 13.

Section 7 - Handling and Storage

7.1 Precautions for safe handling: Use with adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. For industrial use only. Keep containers tightly closed in a dry, cool and adequately ventilated place. Keep away from heat and flame.

7.2 Conditions for safe storage, incl. any incompatibilities: Cool and dry place, protect from light, 2 – 8°C common storage temperature; long time storage: -20°C. Brief exposure up to 35°C for max. 2 weeks.

7.3 Specific end use: no data available

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters: No data available.

8.2 Personal protective equipment:

Respiratory protection: In the absence of adequate ventilation, a respirator, appropriate for the specific workplace conditions, is recommended.

Eye protection: Wear chemical resistant goggles and/or face shield.

Hand protection: Wear suitable gloves.

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Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:	blue powder
Odour:	characteristic
Vapor pressure:	data not available
Viscosity:	data not available
Boiling point:	data not available
Melting point:	data not available
Auto ignition temperature:	data not available
Flash point:	data not available
Explosion limits, lower:	data not available
Explosion limits, upper:	data not available

9.2 Other information: No additional information available.

Section 10 - Stability and Reactivity

10.1 Reactivity:	No unusual reactivity.
10.2 Chemical stability:	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions:	No data available.
10.4 Conditions to avoid:	No data available.
10.5 Incompatible materials:	Strong oxidizing agents.
10.6 Other decomposition products:	Hazardous decomposition products formed under fire conditions - Carbon oxides

Section 11 - Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity:	Oral LD50; Inhalation LC50, Dermal LD50 – no data available.
Skin corrosion/irritation:	no data available
Serious eye damage/irritation:	no data available
Respiratory or skin sensitization:	no data available
Germ cell mutagenicity:	no data available
Carcinogenicity:	no data available
Reproductive toxicity:	no data available
Teratogenicity:	no data available
STOT-SE:	no data available
STOT-RE:	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:	no data available
12.6 Other adverse effects:	no data available

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Section 13 - Disposal Consideration

- 13.1 Waste treatment methods:** Offer surplus and non-recyclable solutions to a license disposal company.
- Contaminated packaging:** Dispose of as unused product.

Section 14 - Transport Information

- 14.1 UN Number:** none
- 14.2 UN proper shipping name:** Not dangerous goods
- 14.3 Transport hazard class:** none
- 14.4 Packaging group:** none
- 14.5 Environmental hazards:** none
- 14.6 Special precautions for user:** Take the usual precautions when handling with chemicals.

Section 15 - Regulatory Information

- 15.1 Safety, health and environmental Regulations/legislation specific for the substance:**
- Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EC) No. 1272/2008 (CLP/EU-GHS)
 - Regulation (EC) No. 1223/2009 (Cosmetic Regulation)
- 15.2 Chemical safety assessment:** Not classified as hazardous substance or mixture according to the CLP/EU-GHS.

Section 16 - Other Information

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Explanatory notes:

STOT: specific target organ toxicity
SE: single exposure
RE: repeated exposure
IARC: International Agency for Research on Cancer
INCI: International Nomenclature of Cosmetic Ingredients
PBT: persistent, bio-accumulative, toxic for reproduction
vPvB: very persistent, very bio-accumulative

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