

MATERIAL SAFETY DATA SHEET (REACH) Revision: 01/01/2017

In accordance with Regulation (EC) No. 1907/2006 and EC67/548EEC and1999/45/EC

MATERIAL SAFETY DATA SHEET

SpecPed® ACu21P

(Copper peptide(AHK₂- Cu))

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier :

Product Name: SpecPed® ACu21P(Copper peptide(AHK₂- Cu))

1.2 Use of the substance/preparation/: Raw material for hair growth and anti-wrinkle in cosmetic

1.3 Details of the supplier of the safety data sheet

Manufactured By: Spec-Chem Industry Inc.
ShiLin Industrial Park, No.10 Wanshou Road
Nanjing 211800, P.R.of China

Phone Number: 86-25-84523390, 84523391

Fax Number: 86-25-84520790, 84520791

Email: sc@specchemind.com

1.4 Emergency telephone: +8618651861021

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazard substance by EC regulation

2.2 Label elements

Not a hazard substance according to GHS(EC1272/2008)

No label according to EC67/548EEC and1999/45/EC

Other Hazards

It is not in the list of PBT or vBvP in the annex of EC1907/2006.

2.3 Other hazard

No data

3. COMPOSITION/INFORMATION ON INGREDIENT

3.1 Substance

Ingredient

AHK₂-Cu

INCI Name:Copper tripeptide-1

3.2 Mixture

None

4. FIRST AID MEASURES

4.1 Description of first aid measures

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

Eye contact : Irrigate thoroughly with plenty of water until discomfort is relieved.Consult a physician for proper medical care.

Skin contact : Take off all contaminated clothing immediately. Wash off immediately with soap and

plenty of water. If symptoms persist, call a physician.

Inhalation : If signs of dizziness and/or nausea occur, then remove the person immediately to fresh outside air.

Ingestion : If accidentally swallowed obtain immediate medical attention.

4.2 Indication of any immediate medical attention

Call a POISON CENTER or doctor/physician if you feel unwell.

No additional measures required.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Dry chemical, Carbon dioxide (CO₂)

5.2 Special Hazards arising from the substance or mixture

Follow NFPA Chapter 30 Fire Prevention Methods.

5.3 Advice for Fire Fighters

Wear protective clothing to prevent contact with skin and eyes.

Wear self-contained breathing apparatus.

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

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

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, including any incompatibilities

Cool and dry place, protect from light, 2-8°C for common storage, long time storage: -20°C.

7.3 Specific end uses

no data available

8. EXPOSURE CONTROL 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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Blue powder

Odor: Characteristic

Safety data

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling point: Not available.

Melting point: Not available.

Auto ignition temperature: Not available

Flash point: Not available.

Explosion limits, lower: Not available.

Explosion limits, upper: Not available.

9.2 Other Information

No additional information available

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 decomposition if used as directed.

10.4 Conditions to avoid

Heat

10.5 Incompatibilities material

Strong acids and strong bases ,Strong oxidizing agents.

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 information on toxicological information****Acute toxicity**

Oral LD50

Inhalation LC50

Dermal LD50

no data available

Other information on acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye 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

Specific target organ toxicity - single exposure (Globally Harmonized System)

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

no data available

Aspiration hazard

no data available

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects

no data available

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 PBT and vPvB assessment

no data available

12.6 Other adverse effects

no data available

13. DISPOSAL CONSIDERATION**13.1 Waste treatment method****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPROT INFORMATION**14.1 UN number:**

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: **Not dangerous goods**

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION**California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Toxic Substances Control Act (TSCA) Inventory Status

This product is for FDA regulated product use only

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

No data

15.2 Chemical Safety Assessment

No data

16. OTHER INFORMATION

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. SPEC CHEM IND 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.

End of MSDS