

Material Safety Data Sheet (MSDS)

Palmitoyl Pentapeptide-4

Version: 1.1 | Preparation Date: March 2026

1. Product and Company Identification

1.1 Product Information:

Product Name: Palmitoyl Pentapeptide-4

1.2 Supplier Details:

Supplier Name: SUZHOU XILIN TECHNOLOGY CO.,LTD

Address: No.52, Yingang Road, Fuqiao Town, Taicang City, Jiangsu Province,China

Phone Numbers: 400-880-4778

Contact Person: Kong Yu

1.3 Emergency Telephone:

Emergency Contact Number: +86(0)13810488652

2. Composition/Information on Ingredients

Substance/Mixture: Substance

INCI Name: Palmitoyl Pentapeptide-4

CAS No: 214047-00-4

3. Hazards Identification

3.1 Hazard Overview: Used as a cosmetic ingredient; harmless to human health and the environment.

3.2 Other Hazards: None

4. First Aid Measures

4.1 Description of Necessary First Aid Measures:

Ingestion: If a large amount is ingested, rinse mouth with water and seek medical attention immediately.

Inhalation: If inhaled, move the patient to fresh air.

Skin Contact: Generally, skin contact does not cause discomfort. If discomfort occurs, wash skin with soap and water and seek medical advice.

Eye Contact: In case of eye contact and discomfort, rinse with plenty of running water.

4.2 Special Notes for Doctors: Treat according to symptoms.

5. Firefighting Measures

5.1 Extinguishing Media: Use water spray, dry powder, foam, or carbon dioxide (CO₂) extinguishing agents.

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Website: www.peptide.wumolab.com

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5.2 Advice for Firefighters: Firefighters must wear self-contained breathing apparatus (SCBA) and full protective firefighting gear. Fight fire from upwind. Move containers from the fire area to an open space if possible.

6. Accidental Release Measures

Absorb with appropriate materials and rinse with water and detergent.

7. Handling and Storage

Handling: Handle with care during transportation to prevent

damage to packaging and containers. Storage: Store in a cold (-20 to 8°C), dry, dark,

and sealed environment.

8. Exposure Controls/Personal Protection

8.1 Engineering Controls: No special control measures required.

8.2 Personal Protective Equipment: Mask, safety gloves, safety glasses; extra

protective equipment is generally not required.

9. Physical and Chemical Properties

Appearance: White or off-white powder

Odor: Slight characteristic odor

Solubility: Water-soluble

10. Stability and Reactivity

10.1 Stability: Stable under correct use and normal storage conditions.

10.2 Hazardous Reactions: No data available.

11. Toxicological Information

Acute Toxicity: Non-toxic

Skin Irritation: Non-irritating, non-sensitizing

Eye Irritation: Non-irritating

Respiratory or Skin Sensitization: Non-irritating, non-sensitizing

12. Ecological Information

Ecotoxicity / Persistence / Bioaccumulation: No data available.

13. Disposal Considerations

13.1 Waste Chemicals: Recycle whenever possible. If recycling is not feasible,

hand over remaining and non-recyclable materials to a licensed company for disposal.

Do not dispose of via sewage systems.

13.2 Contaminated Packaging: Can be recycled after cleaning with water and

detergent, but local and national regulations must be followed first.

14. Transport Information

UN Number: Not classified as dangerous goods.

Packaging Method: Plastic drums or bottles, packed in an outer carton.

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Transport Precautions: Ensure packaging is intact and loaded securely. Prevent leakage, collapse, falling, or damage during transport. Protect from sun exposure, rain, and high temperatures.

15. Regulatory Information

Inventory of Hazardous Chemicals (2015): Not listed.

Catalog of Highly Regulated Hazardous Chemicals: Not listed.

List of Toxic Chemicals Strictly Restricted from Import/Export in China: Not listed.

Regulations on the Management of Precursor Chemicals: Not listed.

16. Other Information

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