

IngredientOS

Cosmetic Ingredients • ingredient-os.com

Korabielnikov LLC • Florida, USA

SAFETY DATA SHEET

Palmitoyl Dipeptide-52 Powder • BLP-PD52-260918-P • OSHA HCS / GHS

1. IDENTIFICATION

Product: Palmitoyl Dipeptide-52 Powder

INCI: Palmitoyl Dipeptide-52 CAS: 63721-19-7 MW: 450.65

Sequence: Pal-Pro-Pro

Use: Cosmetic formulation ingredient. External use only. Not for ingestion or injection.

Supplier: IngredientOS / Korabielnikov LLC, Florida, USA Emergency: +1 813-248-0585

2. HAZARD IDENTIFICATION

Not classified as hazardous under OSHA HCS / GHS. Signal word: none. Pictograms: none. Dust may cause mechanical eye or respiratory irritation. Lipophilic powder.

3. COMPOSITION

Component	CAS	% w/w
Palmitoyl Dipeptide-52	63721-19-7	≥ 98 (this lot 98.7 HPLC)

4. FIRST-AID

Inhalation: fresh air. Skin: soap and water. Eyes: rinse with water several minutes. Ingestion: rinse mouth, do not induce vomiting.

5. FIRE-FIGHTING

Water spray, foam, dry chemical, CO₂. Avoid dust clouds. Carbon and nitrogen oxides on combustion.

6. ACCIDENTAL RELEASE

Avoid dust. Sweep or vacuum into a closed container. Wear gloves and eye protection.

7. HANDLING AND STORAGE

Keep tightly closed. Store dry, 2–8 °C, protected from light and moisture. Lot BLP-PD52-260918-P. Do not use as an injectable.

8. EXPOSURE / PPE

No specific OEL. Nitrile gloves, safety glasses. Dust mask if handling open bulk powder.

9. PHYSICAL AND CHEMICAL PROPERTIES

White powder. Faint odor. Lipophilic; poorly water-soluble without solubilizer. MW 450.65. Assay 98.7%. Water 1.6%.

10. STABILITY

Stable sealed and dry. Avoid strong oxidizers, moisture and prolonged heat above 40 °C.

11. TOXICOLOGY

Not classified at intended cosmetic use levels. Lipopeptides of this type have established topical cosmetic use. Dust may irritate mechanically.

12. ECOLOGY

No specific data. Do not release bulk powder to surface water.

13. DISPOSAL

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT

DOT / IMDG / IATA: not regulated as a dangerous good.

15. REGULATORY

Cosmetic raw material. Prop 65: no listed chemicals known at reportable levels.

16. OTHER

Revision 02 October 2026. Manufacture 18 September 2026. Lot BLP-PD52-260918-P. IngredientOS / Korabielnikov LLC.

