

Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

ANTI-WRINKLE MULTI-PEPTIDE FIRMING POWDER

Product Name: ANTI-WRINKLE MULTI-PEPTIDE FIRMING POWDER

Product Type: Cosmetic Peptide Blend

Physical Form: White to off-white powder

INCI Name: Acetyl Hexapeptide-8, Acetyl Octapeptide-3, Palmitoyl Pentapeptide-4, Palmitoyl Tripeptide-1, Palmitoyl Tetrapeptide-7

Product Form: Powder

Intended Use: Cosmetic & personal-care formulations. For Professional / Industrial Cosmetic Use

Country of Origin: Canada

Supplier: Botanic Planet Canada Inc.

Address: 2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada

Telephone number: 905-455-4444

Emergency phone number (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARD IDENTIFICATION

GHS/WHMIS Classification

Based on the information available, this product is not classified as hazardous under the applicable GHS/WHMIS criteria when handled as recommended.

Signal Word: None required

Hazard Pictogram: None required

Hazard Statements: None required

Potential Effects

Dust generated during handling may cause temporary mechanical irritation to:

- Eyes
- Nose
- Throat
- Respiratory tract

Precautionary Measures

- Avoid unnecessary generation of dust.
- Avoid breathing airborne powder.

- Avoid contact with eyes.
- Wash hands thoroughly after handling.
- Use adequate ventilation during processing.
- Keep container tightly closed when not in use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The product is a proprietary cosmetic peptide blend composed of the following ingredients:

Ingredient / INCI Name	CAS No.	Concentration
Acetyl Hexapeptide-8	616204-22-9	20%
Acetyl Octapeptide-3	868844-74-0	20%
Palmitoyl Pentapeptide-4	214047-00-4	20%
Palmitoyl Tripeptide-1	147732-56-7	20%
Palmitoyl Tetrapeptide-7	221227-05-0	20%
Total		100%

4. FIRST-AID MEASURES

Eye Contact

Immediately rinse eyes thoroughly with clean water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Skin Contact

Wash affected skin with soap and water. Remove contaminated clothing. Seek medical attention if irritation develops or persists.

Inhalation

Move the affected person to fresh air. Avoid further exposure to dust. Seek medical attention if coughing, breathing difficulty or irritation persists.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical advice if symptoms occur.

Most Important Symptoms

Temporary irritation may occur following exposure to airborne powder.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, dry chemical, carbon dioxide or appropriate foam.

Unsuitable Extinguishing Media:

No specific restrictions known.

Specific Hazards:

Thermal decomposition or combustion may produce carbon oxides, nitrogen oxides and other irritating decomposition products.

Protective Equipment for Firefighters:

Use appropriate protective clothing and self-contained breathing apparatus where necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

- Avoid creating airborne dust.
- Ensure adequate ventilation.
- Avoid contact with eyes.
- Use appropriate personal protective equipment.

Environmental Precautions

Prevent large quantities from entering drains, waterways or the environment.

Cleanup

Carefully collect spilled material using methods that minimize dust generation. Place recovered material into a suitable, sealed container.

Do not use compressed air to clean up powder.

7. HANDLING AND STORAGE**Handling**

- Handle according to good industrial hygiene practices.
- Avoid generating excessive dust.
- Avoid eye contact.
- Avoid prolonged inhalation of powder.
- Wash hands after handling.

Storage

Store in a cool, dry and well-ventilated area.

Keep container:

- Tightly sealed
- Protected from moisture
- Protected from direct sunlight
- Away from excessive heat

- Free from contamination

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

No specific occupational exposure limit has been established for this proprietary peptide blend.

Engineering Controls

Provide adequate general ventilation or local exhaust ventilation where powder or dust may be generated.

Respiratory Protection

Normally not required under normal handling conditions. Where significant airborne dust is generated, use an appropriate particulate respirator in accordance with applicable workplace requirements.

Eye Protection

Safety glasses or protective eyewear are recommended.

Hand Protection

Protective gloves are recommended for repeated or prolonged handling.

Hygiene

Wash hands thoroughly after handling. Do not eat, drink or smoke while handling the material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Description
Appearance	White to off-white powder
Odor	Odorless to characteristic
Physical State	Solid powder
Solubility	Soluble/dispersible in water
pH (1% aqueous dispersion)	5.0–7.5
Flash Point	Not determined / not applicable
Flammability	Not classified as flammable under normal conditions
Relative Density	Not determined
Melting Point	Not determined
Boiling Point	Not applicable
Vapor Pressure	Not applicable
Viscosity	Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No hazardous reactivity expected under normal conditions.

Chemical Stability: Stable when stored under recommended conditions.

Possibility of Hazardous Reactions: No hazardous polymerization expected.

Conditions to Avoid:

- Excessive heat
- Moisture
- Direct sunlight
- Contamination
- Excessive dust generation

Incompatible Materials:

Strong oxidizing agents and other materials known to react with peptide compounds.

Hazardous Decomposition Products:

Carbon oxides, nitrogen oxides and other products of thermal decomposition may be generated during fire or extreme heating.

11. TOXICOLOGICAL INFORMATION

No comprehensive toxicological data are available for the complete proprietary blend.

Likely Routes of Exposure

- Eye contact
- Skin contact
- Inhalation of dust
- Accidental ingestion

Acute Effects

High concentrations of airborne dust may cause temporary mechanical irritation of the respiratory tract, nose, throat and eyes.

Skin Sensitization

No specific sensitization classification has been established for the complete blend based on available information.

Carcinogenicity

The ingredients are not known to be classified as carcinogenic based on the information available.

Mutagenicity / Reproductive Toxicity

No specific classification has been established for the complete blend based on available information.

12. ECOLOGICAL INFORMATION

No comprehensive environmental toxicity data are available for the complete proprietary blend.
Avoid uncontrolled release of large quantities into waterways or the environment.
Do not discharge concentrated material into drains.

13. DISPOSAL CONSIDERATIONS

Dispose of unused product and contaminated packaging in accordance with applicable federal, provincial and local regulations.
Avoid releasing large quantities into drains or waterways.
Empty containers should be handled according to applicable waste-management requirements.

14. TRANSPORT INFORMATION

Transport Information	Classification
UN Number	Not assigned
Proper Shipping Name	Not regulated
Transport Hazard Class	None
Packing Group	Not applicable
DOT	Not regulated as dangerous goods
TDG Canada	Not regulated as dangerous goods
IMDG	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods

15. REGULATORY INFORMATION

This product is supplied as a cosmetic raw material intended for incorporation into cosmetic and personal-care formulations.

Based on the information available, the product is not classified as hazardous under WHMIS/GHS criteria.

The manufacturer of the finished cosmetic product is responsible for determining final product safety, regulatory compliance, labeling, claims and permitted concentration in the destination market.

16. OTHER INFORMATION

Product Information

Product: Multi-Peptide Anti-Wrinkle & Firming Powder

Composition:

- Acetyl Hexapeptide-8
- Acetyl Octapeptide-3
- Palmitoyl Pentapeptide-4
- Palmitoyl Tripeptide-1
- Palmitoyl Tetrapeptide-7

Intended Application: Anti-aging, firming, smoothing and skin-conditioning cosmetic formulations.

Storage: Store tightly sealed in a cool, dry place away from moisture, excessive heat and direct sunlight.



Disclaimer. The information contained in this Safety Data Sheet is provided in good faith and is intended to describe the product for health, safety and handling purposes. It is based on information believed to be current and reliable at the time of preparation. The information does not constitute a guarantee or warranty of any particular product property or suitability for a specific application. Users are responsible for determining the suitability of the product for their intended use and for complying with all applicable laws and regulations. Botanic Planet Canada Inc. assumes no responsibility for improper, unintended or unauthorized use of the product. This is an electronically generated document and does not require a signature.

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