

Material Safety Data Sheet

Matrixyl 3000 Peptide Powder

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Matrixyl 3000 Peptide Powder

INCI: Palmitoyl Tripeptide-1 and Palmitoyl Tetrapeptide-7

Cas No.: 147732-56-7/ 221227-05-0

Product Type: Cosmetic Peptide Complex

Grade: Cosmetic Grade

Recommended Use: Cosmetic and personal-care formulations

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

SECTION 2. HAZARD IDENTIFICATION

Potential effects: Direct eye contact may cause irritation.

Prolonged contact may cause irritation in sensitive individuals.

Avoid ingestion and unnecessary exposure.

Acute Toxicity (Oral), Category 4 (H302),

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Specification	Batch Result
Palmitoyl Tripeptide-1*	90–110 ppm	100 ppm
Palmitoyl Tetrapeptide-7*	45–55 ppm	50 ppm

SECTION 4. FIRST-AID MEASURES

Eyes: Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if easy to do. Seek medical attention if irritation persists.

Skin: Wash with soap and water. Discontinue exposure if irritation develops.

Inhalation: Move to fresh air if mist, aerosol or dried material has been inhaled. Seek medical advice if symptoms persist.

Ingestion: Rinse mouth. Do not induce vomiting unless instructed by medical personnel. Seek medical attention if a significant quantity is swallowed.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, dry chemical, carbon dioxide or foam appropriate to the surrounding fire.

Specific hazards: Thermal decomposition may generate carbon oxides, nitrogen-containing compounds and irritating fumes.

Protective equipment: Firefighters should use appropriate protective equipment and self-contained breathing apparatus when necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear suitable gloves and eye protection. Prevent slipping from spilled gel or liquid material. Absorb with an inert material and transfer into a suitable container for disposal.

Wash contaminated surfaces thoroughly with water. Avoid uncontrolled discharge of large quantities into drains or waterways.

SECTION 7. HANDLING AND STORAGE

Handle according to good industrial hygiene and cosmetic manufacturing practices.

Avoid direct contact with eyes and unnecessary prolonged skin contact.

Storage: Store in tightly closed, light-resistant containers. Protect from direct sunlight, moisture and excessive heat, as stated on the supplied COA.

Shelf Life: 24 months when properly stored in the original packaging.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control	Recommendation
Ventilation	Normal general ventilation
Eye Protection	Safety glasses recommended for bulk handling
Hand Protection	Protective gloves
Skin Protection	Normal protective work clothing
Respiratory Protection	Normally not required under ordinary handling conditions
Hygiene	Wash hands thoroughly after handling

No occupational exposure limits were supplied for this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification / Result
Appearance	Opalescent gel
Color	White to off-white
pH	Specification 4.0–6.0; Result 5.3
Specific Gravity	Specification 1.125–1.145; Result 1.133
Refractive Index at 25°C	Specification 1.420–1.440; Result 1.429
Tripeptide Content	100 ppm
Tetrapeptide Content	50 ppm
Odor	Not provided
Solubility	Not provided on supplied COA
Flash Point	Not provided
Boiling Point	Not provided

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Expected to remain stable when stored under the recommended conditions.

Conditions to Avoid: Excessive heat, direct sunlight, moisture and incompatible materials.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides and nitrogen-containing decomposition products may form under combustion or severe thermal decomposition.

Hazardous Polymerization: Not expected under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Specific toxicological test data for this supplier batch were not included in the COA.

Potential routes of exposure include skin contact, eye contact and accidental ingestion.

A safety assessment reviewed data on Matrixyl 3000 containing Palmitoyl Tripeptide-1 and Palmitoyl Tetrapeptide-7, but this does not replace batch-specific safety documentation from your manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Batch-specific ecological data were not provided.

Ecotoxicity: No data provided.

Persistence and Degradability: No data provided.

Bioaccumulative Potential: No data provided.

Mobility: No data provided.

Avoid uncontrolled release of bulk quantities into the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of unused material, contaminated absorbents and packaging in accordance with applicable federal, provincial and local regulations.

Do not dispose of large quantities directly into drains or waterways.

SECTION 14. TRANSPORT INFORMATION

UN Number	Not established from supplied COA
Proper Shipping Name	Not established
Transport Hazard Class	Not established
Packing Group	Not established
TDG	Manufacturer SDS required for confirmation
DOT	Manufacturer SDS required for confirmation
IATA	Manufacturer SDS required for confirmation
IMDG	Manufacturer SDS required for confirmation

SECTION 15. REGULATORY INFORMATION

Product: Matrixyl 3000

Cosmetic Actives: Palmitoyl Tripeptide-1 / Palmitoyl Tetrapeptide-7

Intended Application: Cosmetic and personal-care formulations.

Commercial Matrixyl 3000 references identify the material as a cosmetic peptide complex containing these two peptide actives.

The finished-product manufacturer is responsible for confirming compliance with applicable cosmetic regulations and permitted usage in the country where the finished product is marketed.

SECTION 16. OTHER INFORMATION

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing contained herein as a recommendation. The Liability of Botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

Email: info@botanicplanet.ca www.botanicplanet.ca