

Material Safety Data Sheet

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Marine Collagen Tripeptide Powder

Product Name: Marine Collagen Tripeptide Powder

Product Type: Cosmetic Peptide Powder

Physical Form: White to off-white powder

INCI Name: Hydrolyzed Collagen

CAS No.: 9007-34-5*

Source: Marine/Fish-Derived

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

Country of Origin: USA

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 available information, Marine Collagen Tripeptide Powder is **not classified as hazardous** under applicable GHS/WHMIS criteria when handled under normal recommended conditions.

Signal Word: None required

Hazard Pictogram: None required

Potential Effects

Airborne powder may cause temporary mechanical irritation to the:

- Eyes
- Nose
- Throat
- Respiratory tract

Precautionary Statements

- Avoid creating excessive dust.
- Avoid breathing airborne powder.
- Avoid contact with eyes.
- Wash hands thoroughly after handling.
- Use adequate ventilation when handling bulk quantities.
- Keep container tightly closed when not in use.

Allergen Information

Contains fish-derived material. Individuals with known fish allergies should avoid exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	INCI Name	CAS No.	Concentration
Marine Hydrolyzed Collagen Peptides	Hydrolyzed Collagen	9007-34-5*	100%

Source: Marine / Fish-derived collagen.

4. FIRST-AID MEASURES

Eye Contact

Immediately rinse cautiously 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 the affected area thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation or an allergic reaction develops.

Inhalation

Move the affected person to fresh air. Avoid further exposure to airborne 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

Dust exposure may cause temporary mechanical irritation. Allergic reactions may occur in sensitive individuals due to the marine/fish origin of the material.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

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

Unsuitable Extinguishing Media:

No specific restrictions known.

Specific Hazards:

Organic powder may burn under fire conditions. Thermal decomposition may generate carbon oxides, nitrogen oxides and other irritating decomposition products.

Protective Equipment:

Firefighters should 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.
- Individuals with known fish allergies should avoid exposure.

Environmental Precautions

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

Cleanup

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

Avoid sweeping vigorously or using compressed air, as these methods may create airborne dust.

7. HANDLING AND STORAGE

Handling

- Handle according to good industrial hygiene practices.
- Avoid unnecessary generation of dust.
- Avoid inhalation of powder.
- Avoid eye contact.
- Wash hands thoroughly after handling.
- Avoid exposure for individuals with known fish allergies.

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
- Protected from contamination

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

No specific occupational exposure limit has been established for Marine Collagen Tripeptide Powder.

Engineering Controls

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

Respiratory Protection

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

Eye Protection

Safety glasses or protective eyewear are recommended when handling the powder.

Skin Protection

Protective gloves are recommended for prolonged or repeated handling.

Hygiene Measures

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Description
Appearance	White to off-white powder
Odor	Mild / characteristic
Physical State	Solid
Solubility	Soluble in water
pH (1% aqueous solution)	5.0–7.0
Protein Content	≥90% typical specification
Molecular Weight	≤3,000 Da typical specification

Property	Description
Moisture / Loss on Drying	≤8.0% typical specification
Ash	≤5.0% typical specification
Flash Point	Not determined
Flammability	Not classified as flammable under normal conditions
Vapor Pressure	Not applicable
Boiling Point	Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No hazardous reactivity expected under normal conditions.

Chemical Stability: Stable when stored according to recommended storage 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.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides and other products of thermal decomposition may be generated during combustion.

11. TOXICOLOGICAL INFORMATION

No comprehensive toxicological data are available for all possible routes of exposure.

Likely Routes of Exposure

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

Acute Effects

Airborne powder may cause temporary mechanical irritation of the eyes and respiratory tract.

Skin Sensitization

No specific sensitization classification has been established for the product. However, the product is **fish-derived** and may cause an allergic reaction in individuals with fish allergies.

Carcinogenicity

Not known to be classified as carcinogenic based on available information.

Mutagenicity / Reproductive Toxicity

No specific classification has been established based on available information.

12. ECOLOGICAL INFORMATION

No comprehensive environmental toxicity data are available for the product.

The material is derived from proteinaceous marine material and is expected to undergo natural degradation; however, uncontrolled release should be avoided.

Prevent large quantities from entering waterways or drains.

13. DISPOSAL CONSIDERATIONS

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

Do not discharge large quantities into drains or waterways.

Empty containers should be handled according to applicable waste-management requirements.

14. TRANSPORT INFORMATION

Transport Regulation	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

Marine Collagen Tripeptide Powder is supplied as a **cosmetic raw material** intended for use in cosmetic and personal-care formulations.

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

The finished cosmetic manufacturer is responsible for ensuring that the final formulation, labeling, ingredient declaration, claims and intended use comply with all applicable regulations in the market where the finished product is sold.

16. OTHER INFORMATION

Product Description

Marine Collagen Tripeptide Powder is a **fish-derived hydrolyzed collagen peptide powder** intended for cosmetic formulations. It is suitable for anti-aging, firming, moisturizing, smoothing and skin-conditioning products.

Recommended Cosmetic Usage: Typical formulation usage may be 1–5%, depending on the concentration and specifications of the supplied raw material.

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

Disclaimer & Limitation of Liability. This product is represented as a marine-derived cosmetic raw material and is supplied according to the available product specifications and information. The information contained in this Safety Data Sheet is obtained from sources believed to be current and reliable. However, the use and application of Marine Collagen Tripeptide Powder are beyond the control of Botanic Planet Canada Inc. No representation or warranty, express or implied, is made regarding the results, effects, safety or suitability arising from any particular use of the product. Botanic Planet Canada Inc. expressly disclaims responsibility for improper, unintended or unauthorized use of the product. Users are responsible for determining the suitability and regulatory compliance of the product for their intended application. To the fullest extent permitted by applicable law, the liability of Botanic Planet Canada Inc. shall be limited to the value of the goods supplied and shall not include indirect, incidental, special or consequential loss or damages. In the event of any dispute arising from or relating to the sale or use of this product, the customer agrees that jurisdiction shall be limited to the Province of Ontario, Canada, and that applicable laws of Ontario and Canada shall govern. This is an electronically generated document and does not require a signature

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