SAFETY DATA SHEET (SDS)

Product: Bovine Collagen Powder (Hydrolyzed)

SECTION 1: Identification

Item	Details
Product Name	Bovine Collagen Powder
Chemical Name	Hydrolyzed Collagen
INCI Name	Hydrolyzed Collagen
CAS Number	92113-31-0
Source	Bovine (Beef)
Product Form	Powder
Recommended Uses	Cosmetic, personal care and food.
Supplier	Botanic Planet Canada Inc.
Address	2 Bram Court, Unit #3, Brampton, ON L6W 3R6, Canada
Telephone	905-455-4444
Website	www.botanicplanet.ca

SECTION 2: Hazard Identification

GHS Classification: Not classified as hazardous based on available information

Physical Hazards: Fine powder may generate airborne dust.

- Health Hazards: Dust may cause temporary irritation to the eyes, skin or respiratory tract.
- Environmental Hazards: No significant environmental hazards known.
- Signal Word: None expected.
- Hazard Pictograms: None expected.

Precautionary Measures: Avoid inhaling dust. Use appropriate protective equipment and maintain adequate ventilation.

SECTION 3: Composition / Information on Ingredients

Ingredient	CAS Number	Concentration
Hydrolyzed Bovine Collagen	92113-31-0*	95%

SECTION 4: First Aid Measures

Eye Contact: Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if easily possible. Seek medical attention if irritation persists.

Skin Contact: Wash affected skin with soap and water.

Inhalation: Move the affected person to fresh air. Seek medical attention if respiratory discomfort continues.

Ingestion: Rinse mouth with water. Seek medical advice if adverse symptoms develop.

SECTION 5: Fire-Fighting Measures
Suitable Extinguishing Media: Water spray, dry chemical powder, carbon dioxide (CO_2), or foam.
Specific Hazards: Organic powder may burn under fire conditions. Airborne dust may present a combustible-dust hazard under certain conditions.
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, nitrogen oxides and other decomposition products.
Protective Equipment: Firefighters should wear appropriate protective clothing and self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

- Avoid generating or inhaling airborne dust.
- Wear suitable protective equipment.
- Collect spilled powder using methods that minimize dust dispersion.
- Transfer collected material into properly labeled containers.
- Avoid discharge into drains and waterways.
- Dispose of contaminated material according to applicable regulations.

SECTION 7: Handling and Storage
Handling:

- Avoid inhalation of dust and unnecessary skin or eye contact.
- Use adequate ventilation.
- Follow good industrial hygiene practices.
- Keep containers closed when not in use.

Storage:

- Store in a cool, dry and well-ventilated location.
- Protect from moisture, direct sunlight and excessive heat.
- Keep packaging tightly sealed.
- Store away from strong oxidizing agents.

SECTION 8: Exposure Controls / Personal Protection

Parameter	Recommendation
Occupational Exposure Limits	No product-specific limit established
Engineering Controls	Adequate ventilation and dust control
Eye Protection	Safety glasses or goggles
Hand Protection	Protective gloves as appropriate
Respiratory Protection	Suitable particulate respirator when dust exposure warrants
Hygiene Measures	Wash hands after handling

SECTION 9: Physical and Chemical Properties

Property	Specification / Information
Appearance	Light Beige or Tan Powder

Odor	Brothy Beef / Mildly Roasted
Physical State	Solid Powder
Colour	Light Beige to Tan
Protein Assay	NLT 94%
Moisture	NMT 6%
Solubility	Highly Soluble in Water
pH	Not available
Melting Point	Not determined
Boiling Point	Not applicable
Flash Point	Not determined
Bulk Density	Not available
Vapour Pressure	Not applicable
Auto-Ignition Temperature	Not determined
Explosive Properties	Dust explosibility data not available

SECTION 10: Stability and Reactivity
Reactivity: No hazardous reactivity expected under normal handling conditions.
Chemical Stability: Expected to remain stable under recommended storage conditions.
Conditions to Avoid: Excessive heat, moisture, dust accumulation and ignition sources.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Carbon oxides, nitrogen oxides and other combustion products.

SECTION 11: Toxicological Information
Acute Toxicity: Product-specific data not available.
Skin Irritation: Prolonged contact with powder may cause mild mechanical irritation.
Eye Irritation: Airborne particles may cause temporary mechanical irritation.
Respiratory Irritation: Inhalation of dust may cause coughing or respiratory discomfort.
Sensitization: Product-specific data not available. Individuals with known sensitivities to bovine-derived proteins should exercise caution.
Carcinogenicity: No product-specific data available.

SECTION 12: Ecological Information
Ecotoxicity: No product-specific data available.
Biodegradability: Collagen is a protein-based material expected to be biodegradable.
Bioaccumulation: Not expected to present significant bioaccumulation potential.
Environmental Precautions: Avoid uncontrolled release into the environment.

SECTION 13: Disposal Considerations
Dispose of unused material, contaminated product and packaging in accordance with applicable local, provincial and federal regulations.
Do not discharge large quantities into drains or natural waterways.

SECTION 14: Transport Information

Transport Regulation	Classification
UN Number	Not assigned based on available information
UN Proper Shipping Name	Not applicable
Transport Hazard Class	Not expected to be regulated as dangerous goods
Packing Group	Not applicable
TDG (Canada)	Not expected to be regulated
DOT (USA)	Not expected to be regulated
IMDG (Sea)	Not expected to be regulated
IATA (Air)	Not expected to be regulated

Transport classifications should be verified against the manufacturer's SDS and applicable shipping regulations.

SECTION 15: Regulatory Information

WHMIS (Canada): Not expected to meet hazardous product classification criteria; final classification requires supplier confirmation.
GHS: No classification expected based on available information.
CAS Number: 92113-31-0 (subject to manufacturer verification).
Food, Cosmetic and Pharmaceutical Applications: Suitability and regulatory compliance depend on the specific product grade, intended use and supporting documentation.

SECTION 16: Other Information

Document Title: Material Safety Data Sheet Bovine Collagen Powder
Prepared For: Botanic Planet Canada Inc.

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada
Email: info@botanicplanet.ca www.botanicplanet.ca