

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Trade Name: Premium Bovine Collagen Hydrolysate

Formula: Approx. Protein-Polypeptide 94 % solids, 6 % water.

Supplier information:

Supplier: Swedish Nutra AB

Address: Lodgatan 19, Malmö, 21124, Sweden

Telephone: +46 040-787 01

Recommended Use of Chemical/Restriction: This product is an enzymatically hydrolyzed collagen used as a protein source in food, nutritional supplements and personal care products
Emergency phone number: +46 040-787 01

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENT

Non-Hazardous Ingredients: Collagen Hydrolysate is not considered to be hazardous under Federal Hazard Communication Standard (29CFR 1910-1200)

Collagen Hydrolysate is a food.

Collagen Hydrolysate is Generally Regarded as Safe (GRAS)

SECTION 3: HAZARDS IDENTIFICATION

Acute Toxicity: No hazards to be expected.

Practical Experience: GRAS food ingredient with no carcinogenicity known.

Carcinogenicity: Not applicable

Health Hazard, Acute: Not applicable

Health Hazard, Chronic: None known

Medical Conditions Generally Aggravated by Exposure: None known. Repeated or prolonged exposure is not known to aggravate medical conditions.

SECTION 4: FIRST AID MEASURES

In case of skin contact: Wash with soap and water.

In case of eye contact: Rinse away thoroughly with water for at least 15 minutes.

In case of ingestion: If a large amount is swallowed or symptoms develop, obtain medical attention.

In case of inhalation: Remove victim to fresh air. If breathing becomes difficult, obtain immediate medical attention.

Emergency First Aid Procedures: Seek Medical assistance for further treatment, observation and support if necessary.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point and Method Used: Non-flammable

Auto-Ignition Temperature: Not available.

Flammable Limits: Not available.



Products of Combustion: Not available.

Suitable fire extinguisher: Standard agents: Water fog, foam, alcohol foam, CO₂, dry chemicals.

Special Fire Fighting Procedures: None

Hazard Classification: St-1

Relative Explosion Hazard: Moderate

Explosion Severity: Less than 0.8

Additional fire-fighting information: No special requirements.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be Taken in case Material is Spilled or Released: Sweep up

Waste Disposal Methods: Non-hazardous; biodegradable

Other Precautions and / or Special Hazards: None known

SECTION 7: HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practices.

Storage: Store securely in the labeled containers, keep away from heat, protected from light and high humidity.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Be sure to use an approved / certified respirator or equivalent.

Eye Protection: Protective glasses are recommended.

Skin Protection: None required.

Ventilation to be Used: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Other Protective Clothing and Equipment: Gloves. Lab coat. Dust respirator. Be sure to use an approved / certified respirator or equivalent. Safety glasses.

Hygienic Work Practices: Good Manufacturing Practices

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not available.

Specific Gravity (H₂O =1): Not available.

Solubility in Water: Easily soluble in hot water. Soluble in cold water.

Appearance and Odor: Off white to tan granules / powder, free from disagreeable odor.

Taste: Not available.

Molecular Weight: 2000 Da.

pH (1,5 % soln/water): 5-6

Melting Point: Not available.



SECTION 10: STABILITY AND REACTIVITY:

Stability: The product is stable.

Instability Temperature: Not available

Conditions of instability: Excess heat

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: May react with Tannin, Formaldehyde.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Ingestion, Inhalation.

Toxicity to animals: LD50: Not available. LC50: Not available.

Chronic effects on humans: Generally Recognized as Safe (GRAS) food ingredient, none known

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, or inhalation.

Practical experience: No hazards to be expected.

SECTION 12: ECOLOGICAL INFORMATION

Ecological toxicity: no data available

The product is completely biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal: non-hazardous, dispose according to all federal, state and local applicable regulations.

SECTION 14: TRANSPORT INFORMATION

Does not apply to the current regulations for dangerous goods (ADR, RID, IMDG, IATA, ICAO).

Special Provisions for Transport: Not Applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance/mixture: Not applicable

Chemical safety assessment: Not applicable

SECTION 16: OTHER INFORMATION

The above information is based upon our best knowledge at the time of publication. The data are given in good faith and are designed as a guidance only, to users of possible risks, and therefore they do not constitute a guarantee of product quality or performance.