

# Material Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fish scale Hydrolyzed Collagen

Address/Telephone number: 565-2 Pungsea-ri, Pungse-myun, Cheonan city,  
Chungcheongnam-do, Korea, 330-913

TEL: +82-41-555-9144, FAX: +82-41-555-9143

Company: Biopolytech Co. Ltd

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	%(w/w)	OSHA PEL	ACGIH TLV
Hydrolyzed Collagen	9015-54-7	100	No PEL	No TLV

Technical/Other Names: Protein Hydrolyzates, Cutter Protein Hydrolyzate.

## 3. HAZARDS IDENTIFICATION

NFPA(0~4 grade): Sanitation=1, Fire=1, Reactivity=0.

### Emergence Overview

Color: Light White

Form: Powder

Odor: No data.

NO HAZARDS ARE KNOWN TO BE ASSOCIATED WITH EXPOSURES TO THIS PRODUCT.

Routes of Exposure Eye contact Skin contact Inhalation.

Eye contact: Not listed

Skin contact: Not listed

Inhalation: Not listed

Ingestion: Not listed

#### 4. FIRST AID MEASURES

Eye contact: Immediately flush with plenty for at least 15 minutes. If redness, itching, have eyes examined and treated by medical personnel.

Skin contact: Wash material off of the skin with plenty of soap and water. If redness, itching, get medical attention.

Inhalation: Remove victim to fresh air. If s cough, consult medical personnel.

Ingestion: If enough to halation, consult medical personnel. Never give anything by mouth to an unconscious person.

#### 5. FIRE-FLGHTING MEASURES

Flash Point(°C): No data.

Autoignition Temperature(°C): No data.

Flammable Limits: No data.

Fire and explosion hazards: None known.

#### Explosion data

Sensitivity to mechanical: Not applicable.

Sensitivity to static discharge: Not applicable.

#### 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Soak up material with absorbent and shovel into a chemical waste container.

#### 7. HANDLING AND STORAGE

Handling: prevent eye contact.

Storage: Storage in an airtight container.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Exposure limits

OSHA PEL

Component Name: No OSHA PEL assigned. Minimize exposure in accordance with

good hygiene practice.

#### ACGIH TLV

Component Name: No ACGIH TLV assigned. Minimize exposure in accordance with good hygiene practice.

Engineering controls: Provide adequate ventilation.

Eye protection: Safety glasses with side shields.

Protective clothing: Impervious gloves.

Natural rubber is recommended.

Respiratory protection: Respiratory protection is not normally needed  
If controls are adequate.

Other: Eyewash station in work area.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Light white

Form: Powder

Odor: No data

pH: No data

Boiling point(°C): No data

Flash point(°C): No data

Autoignition Temperature(°C): No data

Flammable Limits: No data

Explosive properties: No data

Oxidizing properties: No data

Vapor Density: No data

Solubility(water): Soluble

### 10. STABILITY AND REACTION

Stability: Stable under normal conditiona.

Condition to avoid: Heat, Spark, Flame, Oxidant.

Hazardous decomposition products: Carbon oxide.

Hazardous Polymerization: Will not occur.

### 11. TOXICOLOGICAL INFORMATION

Chronic: Studies in animals shown that repeated doses produce

no carcinogenic effects.

Carcinogenity: Studies in animals shown that repeated doses produce no carcinogenic effects.

## 12. ECOLOGICAL INFORMATION

Effect on Environment: No effect.

## 13. DISPOSAL CONSIDERATION

Disposal method: Disposal should be in accordance with local state or national legislation.

## 14. TRANSPORT INFORMATION

Department of Transportation: Not regulated.

## 15. REGULATORY INFORMATION

### Inventory Status

Korea: Compliant.

USA: Compliant.

Japan: Compliant.

EU: Compliant.

SARA 304 Hazard Categories: No Listed.

SARA 302 Categories: No Listed.

SARA 313 Categories: No Listed.

OSHA: No Listed.

CERCLA 103: No Listed.

### SARA 311/312 Hazard Categories:

Immediate: No.

Delayed: No.

Fire: No.

Pressure: No.

Reactivity: No.