



## MATERIAL SAFETY DATA SHEET

### Fish Collagen / FCP (derived from fish scale)

#### 1. Product information

Chemical/technical name	Fish Collagen
Company	Geltech Co., Ltd. <u>Headquarter &amp; Factory</u> 1520, Songjung-Dong, Kangsu-Ku, Pusan, Korea Tel :82-51-831-4761 Fax : 831-4762 <u>Seoul office</u> Jungan Bldg., 435-5, Changan 3-Dong, Tongdaemun-Gu, Seoul, Korea Tel : 82-2-2217-4761, Fax. : 2217-4762
Emergency contact	82-51-831-4761

#### 2. Information on composition

Chemical characteristics	Low molecular weight protein (NMT 3,000) derived from fish gelatin
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#### 3. Health risk properties

Health risk criteria	None
Special risk for people & environment	None

#### 4. First Aid

Skin contact	Rinse with water
Ingestion	Drink water
General information to medical staff	None

#### 5. Fire Precautions

Suitable fire appliances	Inflammable
For safety reasons unsuitable fire appliances	None
Special risks of combustion and exhaust gas	None
Formation of CO. CO2 and N-connections	None

An Information from GELTECH CO., LTD.

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## 6. Accidental spillage

Personal precautionary measures	No special measures necessary
Environment protection measures	No special measures necessary
Measures for cleaning	Remove mechanically and rinse with water

## 7. Handling and Storage

### 7.1 Handling

Measures for safety handling	No special measures necessary
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### 7.2 Storage

Storage room	Dry and not in extremely high temperature.
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## 8. Personal Protection Measures

Personal protection measures

- Mouth protection	Not necessary
- Hand protection	Not necessary
- Eye protection	Not necessary but avoid raising dust
- Body protection	Usual working clothes are sufficient

Further measures	None
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## 9. Physical, Chemical properties and stability

General description	Off white or light yellow powder
Odor	Faint characteristic odor
pH (15% solution)	5.0 - 6.5
Viscosity (15%, 40 °C)	15 - 35 Mps
Solubility in water	Soluble in cold water

Avoidable conditions (dangerous reactions)	None
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Dangerous decompositions	None
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## 10. Toxicological Information

Acute toxicity	Causes no skin irritation
	Causes no eye irritation
	Causes no oral toxicity

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### 11. Environmental Information

Biological oxygen demand	1% Solution: approx. 15
Ecotoxicological consequences	None
·totally biodegradable in sewing plants	
·not fish toxicological	
·not bacteria toxicologica	
·no toxicological effects on water living animals	

### 12. Disposal

Small quantities	Wash to waste with water
Big quantities	As domestic waste by the local regulation
Package	Recycle or according to local regulation

### 13. Transport and Regulatory classification

Transport in unopened containers away from extremes of temperature: Keep in dry condition to avoid moisture pick up.

### 14. Regulations

Regulated by applicable law and regulation of the Food & Drug Administration under the Ministry of Health and Welfare of Korea.

### 15. Further information

The given information is based on our most current knowledge. Receiver of our product is responsible for observing the existing local applicable laws and regulations.