

## Material Safety Data Sheet

# Marine Collagen Powder



### I. Product Information

Product name: Marine Collagen  
Synonyms: Soluble marine collagen  
Denatured whole chain marine collagen  
Product use: Electrospinning, food, cosmetic, nutraceutical  
INCI name: Soluble collagen  
CAS number: 9007 34 5

II. Hazardous Components NONE

### III. Physical Data

Physical state: Dry particle  
Percent moisture: <10%  
Appearance and odour: mild odour, dry particulate  
Boiling point: NA  
Freezing point: NA  
Evaporation rate: NA  
pH of 6% solution in water: pH 4-6  
Molecular weight: ≥100,000 Daltons

### IV. Fire and Explosion Data

Flash point: NA  
Flammability: None  
Extinguishing media: Carbon dioxide, foam, dry chemical  
Hazardous combustion products: None  
Explosion data:  
Sensitivity to impact: None  
Sensitivity to static discharge: None

### V. Reactivity Data

Chemical stability: Stable  
Hazardous decomposition products: None

## **VI. Health Hazards**

Routes of entry:	Inhalation
Effects of exposure:	
Acute:	Dust may cause slight irritation to nasal membranes
Chronic:	Unknown
Exposure limits:	None
Carcinogenicity:	No known effects
Teratogenicity:	No known effects
Reproductive toxicity:	No known effects
Mutagenicity:	No known effects

## **VII. First Aid Measures**

Eye Contact:	If powdered material or solution gets in the eyes, wash with copious water. Seek medical attention
Skin contact:	Wash skin with soap and water
Ingestion:	No measures required
Inhalation:	Remove to fresh air

## **VIII. Precautions for Safe Handling and Use**

Personal protective equipment:	
Respirator:	May be required where significant exposure to dust may occur
Eye:	Safety glasses
Protective clothing:	Follow normal safe work practices for chemical handling.
Leaks and spills:	Sweep up dry material or flush solutions away with soap and water
Waste disposal:	Material is biodegradable. Dispose of in an appropriate manner.
Storage:	Store at $\leq 5^{\circ}\text{C}$

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