Material Safety Data Sheet

PART 1 PRODUCT AND COMPANY INFORMATION

Product Name: Edible Gelatin

Manufacturer: Shanghai Al-amin Biotech Co.,Ltd.

Address: Building 11, No.3389,Kangxin Road,Pudong,Shanghai,201321,China

Tel:86-21-50798345

CAS: 9000-70-8

Gelatin is a natural protein, amino acids formed by the complex molecular structure. The general is white or pale-yellow translucent luster of a solid, particles or films was in powder form. Soluble in hot water, glycerol, acetic acid, salicylic acid ,terephthalic acid, urea, thiourea, thiocyanate, such as potassium bromide solution, insoluble in ether, ethyl alcohol, chloroform and other organic solvents. Yi-absorbent soft, almost odorless, and tasteless.

PART 2 PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Odorless, colorless or light yellow, half-transparent, hard amorphous particle or powder

Solubility in Water

It will expand by absorbing water in cold water, easily soluble in hot water.

Density 0.68g/cm3 (20℃)

Boiling Point 100

Viscosity (mPa*s) 1.5-6.0

Ph: 4-7

PART 3 FIRST AID MEASURES

Ingestion

Immediately clean your mouth with warm water and then drink water to dilute the substance you took in.

Skin

Clean your skin with warm water completely, and change the polluted clothes.

Eyes

Immediately flush eyes with warm water, if still uncomfortable with your eyes, please see a doctor soon.

After Ingestion

Rinse mouth and throat thoroughly with water .

PART 5 HAZARDS INDENTIFICATION

The gelatin is from bovine skin or bone, easily soluble in warm water, and can be used in food and pharmacy industry, so it doesn't belong to hazardous products, but it must be used according to good hygienic conditions and safe processing rules,

PART 6 EXPOSURE CONTROLS/ PERSONAL PROTECTION

Water dustproof mask when processing to avoid the dust entering respiratory tract, proper ventilation to keep the air concentration low.

PART 7 FIRE FIGHTING MEASURE

Suitable fire extinguishment methods: Foam fire extinguisher , dry powder fire extinguisher, water.

PART 8 ACCIDENTAL RELEASE MEASURES

Store the product under seal after collection, flush the remaining part with mild water, and put it in the wastewater treatment system. Avoid splashing and high pressure washing.

PART 9 STABILITY AND REACTIVITY

Stability

The material is stable under normal temperature and pressure.

Incompatibilities

None.

Decomposition

Carbon monoxide, oxides of nitrogen, carbon dioxide.

PART 10 TOXICOLIGCAL INFORMATION

LD50>5000mg/kg, belongs to real non-toxic products.

Irritation Potential: Non-irritant to eye and skin.

Sensitization Potential: Not a skin sensitizer.

Mutagenic Potential: No mutagenic activity.

Acute oral Toxicity: Not tested, but the substance is non-cytoxic in vitro cellular model.

PART 11 ECOLOGICAL INFORMATION

Ecological Toxicological Toxicity	None
Biodegradation	Easy to degradate
Biological Enrichment or biological accumulation	None
Other Harmful Effects	None

PART 12 OTHER INFORMATION

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