



State of the Art Ingredients • Fast Friendly Service

Hydrolyzed Soy Protein

SECTION 1 :: PRODUCT IDENTIFICATION

INCI Name

Hydrolyzed Soy Protein

Use of the Substance/Preparation

Recommended use of substance/preparation as active ingredient in cosmetics applications

Emergency telephone number

National Poison Control Center: Tel. +1 800 222 1222

SECTION 2 :: DATA ON COMPONENTS

CAS No.	EU No.	Chemical / INCI Name	Concentration %
68607-88-5	271-770-5	Hydrolyzed Soy Protein	20.0 - 25.0
7732-18-5	231-791-2	Water	75.0 - 80.0

SECTION 3 :: HAZARDS IDENTIFICATION

Inhalation

No adverse effect expected.

Skin Contact

No adverse effect expected.

Eye Contact

May cause mild irritation.

Ingestion

Excessive ingestion may cause mild nausea or abdominal discomfort.

Overexposure

No adverse effect expected. This material is generally considered non-toxic.



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SECTION 4 :: FIRST AID MEASURES

General Advice

No hazard which requires special first aid measures.

Inhalation

Move to fresh air.

Skin Contact

If irritation occurs, wash with soap and water.

Eye Contact

Flush eyes with copious amounts of water and observe. Consult physician if irritation persists.

Ingestion

Drink 2 glasses of water. Call physician and observe for signs of illness.

Overexposure

No adverse effect expected. Products of this type have seen safely used in industrial applications for many years.

SECTION 5 :: FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, CO₂, dry chemical, alcohol or universal-type foams applied by manufacturer's instructions.

Extinguishing media which must not be used for safety reasons

No special requirements.

Unusual fire and explosion hazards

None known

Special protective equipment for fire fighters

Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus.

Specific methods

None known.

SECTION 6 :: ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.

Environmental precautions

Non-Hazardous.

Methods for clean-up

Flush with water or cover with absorbant. Collect for disposal. Observe all government regulations.



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SECTION 7 :: HANDLING AND STORAGE

Handling

Keep working place well ventilated, no special precautions

Storage

Store at room temperature in tightly closed containers. Avoid bacterial contamination.

SECTION 8 :: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limit Values

No limits established by ACGIH or OSHA.

Exposure controls

No special precautions under usual conditions of use.

Occupational exposure controls

No special precautions under usual conditions of use.

Ventilation

Mechanical ventilation is acceptable.

Respiratory Protection

None required under usual conditions of use. However, if exposure potential exists, refer to NIOSH Criteria Guides to determine proper equipment.

Protective Clothing

Normal work gloves and chemical operator's goggles.

Other Protective Measures

Eye Wash station

SECTION 9 :: PHYSICAL AND CHEMICAL PROPERTIES

General Information (appearance, odor)

Physical State	Liquid
Color	Clear to slightly hazy amber
Odor	Characteristic

Important health safety and environmental information

pH	4.0 - 6.0
Boiling point/range	215°F
Flash point	Not applicable
Vapor Pressure (mm-Hg)	Not determined
Vapor Density (AIR=1)	Not determined

Solubility

Water solubility	Complete
Viscosity	Not applicable
% Volatile	Approximately 79%
Specific Gravity (H ₂ O = 1)	1.08 @ 25°C (approx)

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SECTION 10 :: STABILITY AND REACTIVITY

Stability

Stable

Incompatibility

Concentrated nitric or sulfuric acid, strong oxidizing agents.

Conditions to Avoid

Gross bacterial contamination.

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

Burning can produce smoke, CO, CO₂, and/or ammonia.

SECTION 11 :: TOXICOLOGY INFORMATION

Not tested on laboratory animals. LD₅₀'s anticipated to be greater than 5 g/kg based on testing of similar products. In Vitro dermal testing of similar materials shows material to be non-irritating.

SECTION 12 :: ECOLOGY INFORMATION

Biodegradable, no data available

SECTION 13 :: DISPOSAL CONSIDERATIONS

Small amounts may be flushed to sewer. Material is very biodegradable. Otherwise, dispose of in accordance with all Federal, State and Local regulations for non-hazardous substances.

SECTION 14 :: TRANSPORT INFORMATION

Not classified as hazardous for transport.

HMIS Rating: [4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant]

Health: 0 Flammability: 0 Reactivity: 0

SECTION 15 :: REGULATIONS

Non-Hazardous



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SECTION 16 :: COMMENTS

Training advice

Read the safety data sheet before using the product.

Recommended restrictions

None

Further information

These data are based on our present knowledge.

Disclaimer

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