

Safety Data Sheet: Fish Soluble Paste

1. Identification

Product	Fish Soluble Paste; CAS Not assigned — natural mixture; EC Not assigned — natural mixture
Use	Professional fish-origin feed-ingredient and agricultural nutrient blending.
Company	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
Address	Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China
Telephone / email	+86-21-54265599 / sales@zxchem.com.cn
Emergency contact	ZXCHEM office number above, office hours, China time (UTC+8). For urgent medical assistance contact local emergency services.
Scope	Reference safety information for Fish Soluble Paste. The reference composition, concentration and supply-grade differences are described in Section 3. This document does not certify the composition or transport status of a specific delivered batch or a different formulation.

2. Hazards Identification

Classification	Not classified as a hazardous substance or mixture in the selected reference.
Signal word / symbols	No signal word assigned; No GHS pictogram in the selected reference
Hazard statements	No classified GHS hazard statements assigned in the selected fish-hydrolysate reference. Fish-derived material and microbial spoilage require hygiene controls; avoid mist and unnecessary exposure.
Prevention	Use hygienic closed transfer equipment, adequate ventilation, gloves, splash goggles and protective clothing. Avoid mist, ingestion and unnecessary contact. The material is fish-derived; consider sensitized workers and wash after handling.
Response	After exposure, stop work and seek medical advice. For severe exposure obtain urgent medical care. Rinse contaminated skin or eyes with water; move an inhalation casualty to fresh air.
Environment	Prevent uncontrolled release to drains, soil or surface water. Collect spills for appropriate disposal.

3. Composition / Information on Ingredients

Reference ingredient	Natural fish-origin mixture containing proteins, oils, minerals, soluble nutrients and water; no single CAS or EC identifier assigned. The reference is an aqueous fish hydrolysate with no hazardous component listed. Concentrated paste has different solids and viscosity; no stabilizer or additive identity or percentage is asserted.
Supply grade	Crude protein $\geq 30\%$; total solids $\geq 45\%$
Applicability	The cited concentration or purity describes the reference material. It is not a certificate of analysis for the delivered batch; different solvents or dilutions require the matching supplier safety document.

4. First-Aid Measures

General	Protect the rescuer from exposure and show the product information to medical personnel. Obtain medical advice if symptoms occur or exposure is significant.
Inhalation	Move to fresh air and keep the person comfortable. Seek medical care for breathing difficulty or persistent symptoms. Avoid exposing rescuers to mist.
Skin	Remove contaminated clothing and rinse skin thoroughly with water. Seek medical advice for persistent irritation.
Eyes	Rinse gently with clean water for at least 15 minutes. Remove contact lenses when easy and continue rinsing. Seek medical advice if irritation persists.
Ingestion	Do not induce vomiting. Rinse mouth if conscious and contact a doctor for symptoms. Never give anything orally to an unconscious person.
Effects / treatment	Contact and mist can cause discomfort. Fish-sensitive individuals need an appropriate workplace assessment. Spoiled material can create odour and hygiene concerns; no numerical acute toxicity study is assigned to the supplied paste. Treatment is symptomatic and directed by a clinician.

5. Fire-Fighting Measures

Extinguishing media	Choose foam, carbon dioxide, dry chemical or other media suited to the surrounding fire. Cool exposed closed containers when safe and contain runoff; firefighters require protective clothing and breathing apparatus.
Hazards	Heating or combustion can generate irritating fumes. Poor storage can lead to biological spoilage; protect from contamination and excessive temperatures.
Protection	Firefighters require suitable protective clothing and self-contained breathing equipment. Prevent contaminated firefighting water entering drains.

6. Accidental Release Measures

Personal protection	Use hygienic closed transfer equipment, adequate ventilation, gloves, splash goggles and protective clothing. Avoid mist, ingestion and unnecessary contact. The material is fish-derived; consider sensitized workers and wash after handling.
Containment	Contain paste with compatible absorbent and collect into labelled containers; wash the contaminated area without releasing residues to drains.
Environment	Prevent drainage and uncontrolled release; use an approved disposal route.

7. Handling and Storage

Handling	Use hygienic closed transfer equipment, adequate ventilation, gloves, splash goggles and protective clothing. Avoid mist, ingestion and unnecessary contact. The material is fish-derived; consider sensitized workers and wash after handling.
Storage	Store sealed original drums in a cool, dry area away from excessive heat and direct sunlight. Protect from microbial contamination and spoilage. Do not use swollen, leaking or visibly spoiled material without a quality assessment.
Incompatibilities	Excessive heat, microbial contamination and unapproved contact materials. Verify compatibility before transferring the organic paste into a different container.

8. Exposure Controls / Personal Protection

Exposure limits	No ingredient-specific numerical occupational exposure limit is established by the selected reference. Use ventilation, hygienic handling and local workplace controls.
Engineering controls	Use local extraction where mist can be generated. Maintain accessible eyewash and emergency washing facilities.
Personal protection	Wear chemical-resistant gloves selected for the task, suitable protective clothing and splash goggles. Add face protection for splash-prone tasks.
Respiratory protection	Use a properly selected respirator under a respiratory-protection program where engineering controls do not adequately limit airborne exposure.
Hygiene	Wash after handling, remove contaminated clothing promptly and do not eat, drink or smoke in the work area.

9. Physical and Chemical Properties

Appearance	Light-brown paste with slight fishy odour
Formula / molecular weight	Polymeric material / Variable polymer molecular weight
Physical state, supply TDS	Paste
Colour and odour, supply TDS	Light brown; slight fishy smell
pH, supply TDS	3–8
Total solids, supply TDS	≥45%
Other properties	Product-specific values for odor threshold, vapor pressure, partition coefficient, autoignition temperature and viscosity are not supplied by the selected reference set. No values are inferred.

10. Stability and Reactivity

Stability	Handle and store under the recommended conditions. Prevent contamination and unnecessary heating.
Incompatibilities	Excessive heat, microbial contamination and unapproved contact materials. Verify compatibility before transferring the organic paste into a different container.
Decomposition	Heating or combustion can generate irritating fumes. Poor storage can lead to biological spoilage; protect from contamination and excessive temperatures.

11. Toxicological Information

Exposure effects	Contact and mist can cause discomfort. Fish-sensitive individuals need an appropriate workplace assessment. Spoiled material can create odour and hygiene concerns; no numerical acute toxicity study is assigned to the supplied paste.
Reference classification	Not classified as a hazardous substance or mixture in the selected reference.
Data limits	No quantitative acute or chronic toxicity endpoint is reported in the selected fish-hydrolysate reference. It is not a toxicological assessment of the concentrated supply paste; manage hygiene, fish sensitivity and contact exposure.

12. Ecological Information

Environmental effects	The selected fish-hydrolysate reference supplies no quantitative aquatic, persistence or bioaccumulation endpoint. Concentrated organic material can load wastewater; prevent drainage and uncontrolled release.
Controls	Prevent uncontrolled release, collect spills and dispose of contaminated material through an authorized route.
Assessment	No product-specific PBT/vPvB assessment is claimed. Absence of data does not establish absence of environmental effects.

13. Disposal Considerations

Product	Collect surplus product and contaminated cleanup material for disposal by an authorized chemical-waste contractor in accordance with local requirements.
Packaging	Containers may retain product residues. Do not reuse contaminated packaging without an approved cleaning process; use an authorized disposal route.

14. Transport Information

Classification	Non-dangerous goods
UN number	Not assigned
Shipping name	Not regulated as dangerous goods
Class / packing group	Non-dangerous goods in the selected fish-hydrolysate transport reference. No UN number or packing group is assigned; preserve paste-package integrity and prevent leakage or spoilage.
Transport precautions	Protect packaging and closures from damage, secure loads and prevent releases. This reference is not a shipping declaration for a specific consignment.

15. Regulatory Information

Identity	Fish Soluble Paste; CAS Not assigned — natural mixture; EC Not assigned — natural mixture
HS reference	230990; reference heading rather than a destination customs ruling.
Compliance	Apply applicable workplace, environmental and transport rules. A raw-material listing does not establish authorization for a finished formulation.
Assessment	No ZXCHEM-specific chemical safety assessment or destination registration is asserted.

16. Other Information

Hazard meanings	No classified GHS hazard statements assigned in the selected fish-hydrolysate reference. Fish-derived material and microbial spoilage require hygiene controls; avoid mist and unnecessary exposure.
Limitations	Prepared as reference safety information for the identified material. It is not a batch analytical certificate or safety assessment of a different solvent-containing formulation.
Revision	2026.1; prepared 2026-10-07. Customer-document branding and title corrected; technical safety data retained.
Document scope	Reference safety information for the material and grade described in Sections 1 and 3. Different concentrations, solvents or formulations require the applicable safety information. This is not a batch analytical certificate.

Revision: 2026.1 | Revision date: 2026-10-07