

SAFETY DATA SHEET

Section 1: Identification

Product Name Fish Brew Hydrolysate

Relevant identified uses of the substance or mixture and uses advised against

Recommended use Agricultural use: Fertilizer.

Details of the supplier of the Safety Data Sheet

Manufacturer Great Falls Aquaculture, LLC

1 Australia Way

Turners Falls, MA 01376

Telephone (Cell) 508-306-1532

Emergency telephone number

CHEMTREC 800-424-9300

POISON CONTROL 800-222-1222

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

- This product does not contain hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200

Classification of the substance or mixture

OSHA HCS 2012

- May cause burning or irritation of the eyes - H320
- May cause irritation or dermatitis in some individuals upon prolonged contact - H316
- May cause a reaction to individuals allergic to fish and/or seaweed.

Label elements

OSHA HCS 2012

CAUTION



Hazard statements

OVER EXPOSURE EFFECTS

- May cause burning or irritation of the eyes - H320
- May cause irritation or dermatitis in some individuals upon prolonged contact - H316
- May cause a reaction to individuals allergic to fish.

Precautionary statements

- Do not store diluted.

Prevention

- Wear eye protection. Wear protective gloves if skin sensitive
- Wash hands thoroughly after handling

Response

- In case of fire: Use water spray, chemical foam, carbon dioxide or dry chemical
- Call a POISON CENTER or doctor/physician if you feel unwell
- IF ON SKIN: Wash with soap and water
- If skin irritation occurs: Get medical advice/attention

Storage/Disposal

- Do not store diluted
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations
- FOR SPILL: Absorb with inert material and dispose of in accordance with applicable regulations.
- Keep out of the reach of children and pets.
- Keep from freezing

Section 3: Composition/Information on Ingredients

Substances

- Hydrolyzed fish
- No hazardous components

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- Remove victim to fresh air.

Skin

- Wash skin thoroughly with soap and water. Seek medical attention if irritation persists.

Eye

- Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

Ingestion

- Get medical attention immediately. If swallowed, rinse mouth with water. Never give anything by mouth to an unconscious person.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media

- Water spray, chemical foam, carbon dioxide or dry chemical

Unsuitable Extinguishing Media

- None known

Special hazards arising from the substance or mixture

Unusual Fire hazards

- Non flammable substance. None known

Advice for firefighters

- Use extinguishing media applicable to primary source of fire.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Wear eye protection as needed
- Wear protective gloves as needed
- Wear protective clothing as needed

Emergency Procedures

Environmental precautions

- Dispose of in accordance with local, state, and federal regulations

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Clean up spill with soap and water, or absorb with inert material and dispose of in accordance with applicable regulations

Section 7: Handling and Storage

Precautions for safe handling

Handling

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations
- Keep out of the reach of children
- Avoid handling conditions which may allow for leaks and spills of this material
- Do not permit personnel to handle this product without proper training and/or equipment

Conditions for safe storage

Storage

- Keep out of the reach of children
- Do not store diluted
- Keep from freezing

Incompatible Materials or Ignition Sources

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure controls

Engineering

Measures/Controls

Personal Protective Equipment

Pictograms



Respiratory

Eye/Face

- Wear safety goggles

Hands

- If skin sensitive, wear protective gloves

Skin/Body

- If skin sensitive, wear protective clothing

General Industrial

Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice.
- Keep container sealed when not in use.
- Flush spray equipment and pumps with clear water when done applying.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Section 9: Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical form	Liquid	Boiling Point (°F)	212
Odor	Mild marine odor	Melting Point (°F)	NA
Appearance	Opaque solution	Volatility/VOL (%)	NA

Color	Dark brown	Solubility in H ₂ O	Complete
pH	3.5	Vapor Pressure (mm Hg)	NA
Specific Gravity (H ₂ O=1)	1.107	Vapor Density (Air=1)	NA
Evaporation Rate	Same as water	Flash Point (°F)	Non-flammable

Section 10: Stability and Reactivity

Reactivity	• No dangerous reaction known under conditions of normal use.
Chemical stability	• Stable
Possibility of hazardous reactions	• Will not occur
Conditions to avoid	• Avoid handling conditions which may allow for leaks and spills of this material • Do not store diluted • Do not permit personnel to handle this product without proper training and/or equipment
Incompatible materials	• None
Hazardous decomposition products	• None

Section 11: Toxicological Information

Information on toxicological effects

Routes of entry/exposure • Eyes, Skin, Inhalation, Ingestion

Potential health effects

Inhalation

Acute • No data available

Chronic • No data available

Skin

Acute • May cause irritation or dermatitis in some individuals upon prolonged contact

• May cause a reaction to individuals allergic to fish and/or seaweed.

Chronic • No data available

Eye

Acute • May cause burning or irritation of the eyes

Chronic • No data available

Ingestion

Acute • No data available

Chronic • No data available

Section 12: Ecological Information

• No data available

Section 13: Disposal Consideration

• No data available

Section 14: Transport Information

• No data available

Section 15: Regulatory Information

• No data available

Section 16: Other Information

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Disclaimer/Statement of Liability

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.