

Section 1 - Product and Company Information

Product Name: **Fast-Media® Hygro Agar**

Cat. Code: fas-hg-s

InvivoGen, 3950 Sorrento Valley Blvd, Suite 100
San Diego, California 92121, USA
(+1) 858 457 5873

Company identification:

Cayla-InvivoGen, 5 rue Jean Rodier
31400 Toulouse, FRANCE
+33 (0) 5 62 71 69 39

Section 2 - Composition/Information on Ingredients

Fast-Media® Hygro Agar is composed of a mixture of ingredients, disclosed are the main ingredients.

Ingredient	CAS No.	EC No.	Classification
Hygromycin B	31282-04-9	N/A	Xn, R36/37/38 - R42/43
Agar	9002-18-0	232-658-1	

Section 3 – Hazards Identification

Emergency Overview: Highly Toxic (USA) Very Toxic (EU). Risk of serious damage to eyes. Very toxic by inhalation, in contact with skin and if swallowed. May cause sensitization by inhalation and skin contact.

HMIS Classification: Health Hazard **4**, Flammability Hazard **0**, Reactivity Hazard **0**

NFPA Rating: Health Hazard **4**, Fire **0**, Reactivity Hazard **0**

Potential Health Effects

- **Eye contact:** Causes eye irritation.
- **Skin contact:** Causes skin irritation.
- **Skin absorption:** Toxic if absorbed through the skin.
- **Inhalation:** Toxic if inhaled. May cause respiratory tract irritation.
- **Ingestion:** Toxic if swallowed.

Section 4 – First Aid Measures

General advice: Consult a physician. Show this material safety data sheet to the doctor in attendance.

After skin contact: Immediately wash skin with soap and plenty of water. Consult a physician.

After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water provided person is conscious. Consult a physician.

After inhalation: Remove to fresh air. If not breathing give artificial respiration. Consult a physician.

After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Section 5 – Fire Fighting Measures

Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special Firefighting Procedures: N/A

Flammability: N/A

Unusual Fire and Explosions Hazard (s): N/A

Flash point: N/A

Auto-ignition Temp: N/A

Section 6 – Accidental Release Measures

Personal precautions: Wear protective equipment. Keep unprotected persons away. Avoid dust formation.

Method for Cleaning Up: Absorb on sand or vermiculite and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

Section 7– Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

User Exposure: Avoid Inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).

Storage: Keep tightly closed as product is hygroscopic. Store at room temperature.

Section 8 – Exposure Controls / PPE

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Hand: Protective gloves to prevent skin contact. **Eye:** Chemical safety goggles

General Hygiene Measures: Wash hands thoroughly after handling.

Section 9 – Physical / Chemical Properties

Appearance: Beige

Physical State: Powder

Solubility in Water: Readily miscible in water

Section 10 – Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Materials to avoid: Strong oxidizing agents

Hazardous Decomposition Products: Decomposition products are not hazardous.

Section 11 – Toxicological Information

Acute toxicity:

LD50 Oral: N/A

LD50 Dermal: N/A

LD50 Inhalation: N/A

Primary irritant effect: N/A

Sensitization: Respiratory: May cause allergic respiratory reaction.

Skin: May cause allergic skin reaction.

Target Organ: Ears

Additional toxicological information: Product not fully tested.

Section 12 – Ecological Information

Ecotoxicity: Data not yet available.

Mobility: Data not yet available.

Biodegradation: Data not yet available.

Bioaccumulation: Data not yet available.

Section 13 – Disposal Considerations

Product: Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.

Contaminated Packaging: Dispose of as unused product.

Section 14 – Transport Information

DOT (US): Not dangerous goods.

IATA: Not dangerous goods.

IMDG: Not dangerous goods.

Section 15 – Regulatory Information

Classification: Highly Toxic (USA) Very Toxic (EU).

DSL Status: This product contains the following components that are not on the Canadian DSL nor NDSL lists.

Hygromycin B CAS no.: 31282-04-9

Agar CAS no.: 9002-18-0

SARA 302 Component: None of the ingredients are listed.

SARA 313 Component: None of the ingredients are listed.

SARA 311/312 Hazards: Hygromycin B . CAS no.: 31282-04-9. Acute health hazard. Chronic health hazard.

U.S. State Regulations

Chemical Name	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK
Hygromycin B	-	X	X
Agar	-	X	X

California Proposition 65: This product does not contain chemicals listed under Proposition 65.

EU labeling, risk and safety phrases

Hazard Symbol: T+ Very toxic

R26/27/28: Very toxic by inhalation, in contact with skin and if swallowed.

R41: Risk of serious damage to eyes.

R42/43: May cause sensitization by inhalation and skin contact.

S23: Do not breathe vapor.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water.

S36/37/39: Wear suitable protective clothing, gloves, and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Germany): 3 Self-Classification

Caution: Substance not fully tested.

Section 16 – Other Information

Disclaimer: All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

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