

Section 1 - Product and Company Information

Product Name:**SSL7/Agarose**

gel-ssl-2, gel-ssl-10

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Section 2 - Composition/Information on Ingredient

SSL7/Agarose is composed of a mixture of ingredients, disclosed are the main ingredients.

Ingredient	CAS No.	EC No.	Classification
SSL7 (<i>Staphylococcus aureus</i> superantigen-like protein 7; <i>S.aureus</i> toxin)	N/A	N/A	
Agarose	39346-81-1	N/A	
Ethanol	64-17-5	200-578-6	F, R11

Section 3 – Hazards Identification

Warning: The usual precautions taken when handling chemicals or biologicals should be observed.**Emergency Overview****OSHA Hazards:** Flammable liquid. Irritant. Target organ effect. Target organs: Nerves, liver, heart.**HMIS Classification:** Health Hazard **2**, Chronic Health Hazard *****, Flammability Hazard **3**, Reactivity Hazard **0****NFPA Rating:** Health Hazard **2**, Fire **3**, Reactivity Hazard **0****Potential Health Effects**

- Eye contact: Causes eye irritation.
- Skin contact: Causes skin irritation.
- Skin absorption: May be harmful if absorbed through the skin.
- Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
- Ingestion: May be harmful 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: Appropriate foam, carbon dioxide, or dry chemical powder.

Special Firefighting Procedures: N/A

Flammability: N/A

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

Flash point: 14.0°C (57.2°F)-closed cup

Auto-ignition Temp: 363°C (685°F)

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. Store at 4°C. DO NOT FREEZE.

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

Physical State: Liquid, gel slurry

Section 10 – Stability and Reactivity

Stability: Stable under recommended storage conditions

Materials to avoid: Strong oxidizing agents, alkali metals, ammonia, peroxides

Hazardous Decomposition Products: None known.

Section 11 – Toxicological Information

Acute toxicity:

LD50 Oral: N/A

LD50 Intraperitoneal: N/A

LD50 Intravenous: N/A

Primary irritant effect: N/A

Sensitization: N/A

Target Organ: Nerves, liver, heart

Additional toxicological information: N/A

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)

Non-hazardous for transport.

IATA

Non-hazardous for transport.

IMDG

Non-hazardous for transport.

Section 15 – Regulatory Information

OSHA HAZARDS (US) Flammable liquid. Irritant. Target organ effect. Target organs: Nerves, liver, heart.

DSL Status: The following component is on the Canadian NDSL list.

Agarose CAS no.: 39346-81-1

The following component is on the Canadian DSL list.

Ethanol CAS no.: 64-17-5

SARA 302 Component: None of the ingredients are listed.

SARA 313 Component: None of the ingredients are listed.

SARA 311/312 Hazards: Ethanol: Fire Hazard, Acute Health Hazard, Chronic Health Hazard.

U.S. State Regulations

Chemical Name	Massachusetts RTK	New Jersey RTK	Pennsylvania RTK
Agarose	-	X	X
Ethanol	X	X	X

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

Labeling and risk phrase according to EU Directives:

Hazard symbols: F Highly flammable

R11: Highly flammable.

S7: Keep container tightly closed.

S16: Keep away from sources of ignition - No smoking.

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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