

# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product: Super Agarose**  
**Cat. No: SA 153**

Molecular Research Center, Inc.  
5645 Montgomery Rd.  
Cincinnati, Ohio 45212  
USA 1-888-841-0900

Product Name: Super Agarose  
Chemical Formula: A formulation  
Molecular Weight: A formulation

NFPA RATINGS: (scale=0-4)    Health=1    Fire=0    Reactivity=0    PPE=C  
HMIS RATINGS: (scale=0-4)    Health=1    Fire=0    Reactivity=0

CHEMTREC EMERGENCY NUMBER: Only in the event of an emergency involving a spill, leak, fire exposure or accident. USA: 1-800-424-9300; International: 1-703-527-3887

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Percent
Agarose	9012-36-6	10%

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## 3. HAZARD IDENTIFICATION

Potential Health Effects:

Eye: Dust may cause irritation.

Skin: May cause skin irritation. Low hazard for industrial handling

Ingestion: Ingestion in large amounts may cause gastrointestinal irritation. Expected to be a low ingestion hazard.

Inhalation: May cause coughing or sneezing, respiratory tract irritation. Low hazard for routine industrial handling.

Practice good industrial and personal hygiene and safety procedures, avoid all unnecessary exposure and ensure prompt removal from skin, eyes or clothing. The chemical, physical and toxicological properties have not been thoroughly investigated.

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## 4. FIRST AID

**EYE CONTACT:** Check and remove contact lenses. Flush with water in an eye wash for at least 15 minutes, holding eyelids open. Do not use eye ointment. Obtain medical attention if symptoms or discomfort persist.

**SKIN CONTACT:** In case of contact, immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before use. No adverse effects expected.

**INGESTION:** If swallowed, wash out mouth with water provided person is conscious. No adverse effects expected.

**INHALATION:** If inhaled, remove to fresh air. Get medical attention if any breathing difficulty.

## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: For small fires use, water spray, carbon dioxide, dry chemical powder, or appropriate foam.

FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions.

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## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT FOR SPILL CONDITIONS: Use gloves and other appropriate protective covering to avoid skin contact. Use chemical goggles, face shield, or other appropriate eye protection.

SPILL RESPONSE: Use appropriate absorbent material, place in bag and hold for waste disposal. Wash spill site after material pickup is complete.

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## 7. HANDLING AND STORAGE

Store at room temperature in a cool dry location away from sources of heat and ignition. As with all chemicals of unknown hazardous effects, use good laboratory practice when handling this substance.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

For routine operations wear safety glasses, latex gloves and lab coat to avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling. Keep container tightly sealed. Facilities should have adequate ventilation to keep airborne concentrations low and an eyewash station.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White, odorless, opaque suspension.  
Melting point: 86 - 90 C

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## 10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage. Non-corrosive.

INCOMPATIBILITIES: Strong oxidizing agents.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Toxic fumes of carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Has not been reported.

## 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: May cause skin or eye irritation. Ingestion may be harmful. No toxicological information is available.

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## 12. ECOLOGICAL INFORMATION

No information is available.

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## 13. DISPOSAL CONSIDERATIONS

Keep in sealed containers until final disposal. May be incinerated according to federal, state and local environmental regulations.

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## 14. TRANSPORT INFORMATION

Not regulated as a hazardous material.

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## 15. REGULATORY INFORMATION

SARA 302: RQ, No; TPQ, No; List, No.

SARA 311/312 Acute: No, Chronic: No; Fire, No, Reactivity, No.

CERCLA: No

RCRA 261.33 No

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<b>16. OTHER INFORMATION</b>	Reviewed by	BW, MJ
	Creation date	6/10/98
	Revision date	2/01/09

This information is believed to be accurate and represents the information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

Abbreviations:

N/A	Not Applicable
N.D.A.	No data available
TLV-STEL	Threshold Limit Values (Short-Term Exposure Limit)
TLV-TWA	Threshold Limit Values (Time-Weighted Average)
OSHA PEL-TWA	OSHA Permissible Exposure Level