

Material Safety Data Sheet

Revision Date 6/2/2017

1. Identification of substance and company

Product Name: Agar
Product Number: P1110-500; P1110-2000; P1110-5000
Identified Uses: Laboratory chemicals; For research use only.
Company: UBPBio
Tel: +1 800-218-0982
Fax: +1 800-682-6801
E-mail: support@ubpbio.com
Web: www.ubpbio.com

2. Composition/data on components

Chemical Name: Agar
Synonyms: N/A
Hazardous Ingredient: No ingredients are hazardous according to OSHA criteria
CAS Registry Number: 9002-18-0
Appearance/Color: Powder/milky white
Molecular Formula: N/A

3. Hazard identification

Hazard Description: Not a hazardous substance or mixture.

4. First aid measures

After Inhalation: If inhaled, move person into fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration
After skin contact: Flush with copious amounts of water; remove contaminated clothing and shoes; call a physician
After eye contact: Flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician
After swallowing: If swallowed, wash out mouth with copious amounts of water; call a physician

5. Fire fighting measures

Extinguishing agents: Water spray, carbon dioxide, dry chemical powder or foam
Protective Wear self-contained breathing apparatus and protective clothing to prevent

equipment: contact with skin and eyes.
Unusual fire hazard: Emits toxic fumes such as carbon monoxide, etc.

6. Accidental release measures

After Inhalation: Cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves
Measures for cleaning/collecting Absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13.

7. Handling

Information for safe handling and storage Avoid inhalation and contact with skin, eyes and clothing; material may be an irritant. Keep container tightly sealed in a dry and well-ventilated place. Moisture sensitive.

8. Exposure controls and personal protection

Personal protective equipment as follows:

Breathing equipment: Respiratory protection is not required. However protection from nuisance levels of dusts are recommended, use type N95 (US) or type P1 (EN 143) dust masks. Use NIOSH/MSHA-approved respirator.
Protection of hands: Chemical-resistant rubber gloves.
Eye protection: Chemical safety goggles.

9. Physical and Chemical Properties

Appearance	Milky white powder	Vapor Pressure	No data available
Odor	No data available	Vapor Density	No data available
Odor Threshold	No data available	Relative Density	No data available
pH	No data available	Water Solubility	No data available
Melting point	No data available	Partition coefficient	No data available
Initial boiling point	No data available	Auto-ignition temperature	No data available
Flash point	No data available	Decomposition Temperature	No data available
Evaporation rate	No data available	Viscosity	No data available
Flammability (Solid)	No data available	Explosive Properties	No data available
Upper / lower Flammability or	No data available	Oxidizing properties	No data available

explosive limits			
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10. Stability and reactivity

Stability:	Stable for 24 months if stored as directed.
Thermal decomposition / conditions to be avoided:	Protect from moisture, light and heat.
Dangerous products of decomposition:	No data available.

11. Toxicological information

RTECS#:	
Acute toxicity:	Not known
Primary irritant effect:	Not known
On the skin:	Not known
On the eye:	Not known; may be an irritant.

12. Ecological information

General notes: No data available on toxicity, persistence, mobility in soil etc.

13. Disposal consideration

Dispose of in accordance with prevailing country, federal, state and local regulations. Provide surplus and solutions to a licensed disposal company. Dispose contaminated packaging as unused product.

14. Transport information

DOT/TDG/IATA/IMDG/IMO	
Proper shipping name:	Agar
Non-Hazardous for transport:	This substance is considered to be non-hazardous for transport.

15. Regulations

SARA 302 components

No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA Hazards.

SARA 313 components

No chemicals in this product with known CAS numbers that exceed the threshold reporting levels according to SARA Title III, Section 313.

16. Other information

The above information is believed to be correct based on our present knowledge but does not purport to be complete. The product is for research use only and for trained personnel. The burden of safe use of this material rests entirely with the user. UBPBio disclaims all liability for any damage resulting from use of this material.