



SAFETY DATA SHEET AGAR TECHNICAL

Date of issue - 17/12/2007.

LP0012

Section 1. Chemical Product and Company Identification

Product No.	LP0012
Trade name	AGAR TECHNICAL
Manufacturer	Oxoid Limited Wade Road Basingstoke Hants RG24 8PW ENGLAND Tel: + 44 (0)1256 841144 Fax: + 44 (0)1256 463388
Supplier	Oxoid Limited Wade Road Basingstoke Hants RG24 8PW ENGLAND Tel: + 44 (0)1256 841144 Fax: + 44 (0)1256 463388

Section 2. Hazards Identification

Most Important Hazards	Not classified as hazardous.
Human health hazards - Eyes	May cause slight transient irritation.
Human health hazards - Inhalation	Exposure to dust at high concentrations may have the following effects: irritation of nose, throat and respiratory tract.

Section 3. Composition, Information on Ingredients

Common Name	Agar
CAS No.	9002-18-0

Section 4. First Aid Measures

First Aid - Eyes	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash contaminated skin with soap and water.
First Aid - Ingestion	Have victim drink 1-3 glasses of water to dilute stomach contents.
First Aid - Inhalation	Remove to fresh air. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable	Combustible material. Use dry chemicals, CO ₂ , alcohol foam or water spray.
Special fire-fighting procedures	Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Section 6. Accidental Release Measures

Personal Precautions	Wear disposable gloves, dust mask to EN149 FFP2S and eye protection.
Environmental precautions and cleanup methods	Prevent entry into sewers, basements or confined areas.
Spill	Vacuum or sweep up material and place in a designated labelled waste container.



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Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not breathe dust.
Storage	Store at room temperature. Keep well closed and protected from direct sunlight and moisture.

Section 8. Exposure Controls, Personal Protection

Engineering measures	The use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Protective Measures - Respiratory	A respirator is not needed under normal and intended conditions of product use.
Protective Measures - Hands	Recommended: Disposable vinyl gloves.
Protective Measures - Eyes	Recommended: Safety glasses or chemical goggles to EN166, 167 and 168.
Protective Measures - Body	Lab coat.

Section 9. Physical and Chemical Properties

Physical state	Powder.
Colour	White. Off-white.
Odour	Odourless.
Solubility - Water	Insoluble in cold water. Soluble in hot water at 80 C.
Density (kg/m³)	550

Section 10. Stability and Reactivity

Stability	Stable under recommended storage and handling conditions (see section 7).
Conditions to Avoid	moisture
Materials to avoid	Strong oxidising materials
Hazardous decomposition products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information

Acute toxicity	Low order of acute toxicity. Oral LD ₅₀ (rat) > 2000 mg/kg. Dermal LD ₅₀ (rabbit) > 2000 mg/kg. Inhalation LC ₅₀ (rat) > 20 mg/litre/4h.
Eye irritation	May cause slight transient irritation.

Section 12. Ecological Information

Ecotoxicity	No specific data.
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Section 13. Disposal Considerations

Disposal considerations	Non-hazardous waste Dispose of according to all federal, state and local applicable regulations.
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Section 14. Transport Information

UN : UN number Not regulated.

Section 15. Regulatory Information

Risk Phrases Not applicable.

Safety Phrases Avoid contact with eyes.

EC Classification This product is not classified according to the EU regulations.

Section 16. Other Information

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