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**1. Product and Company Identification**

Product No.: LAB116

Product Name: M.L.C.B. Agar

Manufacturer: LAB M Limited  
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**2. Composition and Information on Ingredients**

Hazardous ingredients:

Component	CAS number EINECS number	Concentration	Classification	Risk phrases
Ammonium Ferric Citrate	1185-57-5 214-686-6	2.0% w/w	-	-

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**3. Hazard Identification**

Most important hazard: Not classified as hazardous.

Health hazard > Inhalation: Moderately irritating to the respiratory system.

Health hazard > Skin: May cause irritation.

Health hazard > Eyes: May cause slight transient irritation.

Health hazard > Ingestion: May cause irritation.

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**4. First Aid Measures**

After inhalation: Remove to fresh air; if breathing becomes difficult seek medical advice.

After skin contact: Wash off with copious amounts of water.

After eye contact: Flush with copious amounts of water; if irritation persists seek medical advice.

After ingestion: Make victim drink plenty of water to dilute stomach contents; seek medical advice.

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**5. Fire Fighting Measures**

Extinguishing media, suitable: Water spray, Carbon dioxide, dry chemical powder or foam.

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**6. Accidental Release Measures**

Personal precautions:	Wear disposable gloves, eye protection, dust mask and protective clothing.
Spill:	Sweep or vacuum material and place in a designated waste container. Ventilate and use a water rinse to clean the spill site after material pickup is complete.

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**7. Handling and Storage**

Handling:	Avoid contact with eyes, skin and clothing. Prevent inhalation of dust.
Storage:	Keep container tightly closed. Store in a well ventilated area at 10 to 30°C.

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**8. Exposure Controls and Personal Protection**

Engineering controls:	Engineering methods to prevent control or exposure to dust are preferred. Methods include process or personnel enclosure, mechanical ventilation, and control of process conditions.
Protective measures > Hands:	Protective disposable gloves.
Protective measures > Eyes:	Chemical safety glasses or goggles.
Protective measures > Body:	Laboratory coat.
Protective measures > Inhalation:	Dust mask.
UK Occupational Exposure Limits (preparation) >	<i>Iron salts (as Fe)</i> Long term – 1 mg/M <sup>3</sup> Short term – 2 mg/M <sup>3</sup>

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**9. Physical and Chemical Properties**

Physical form:	Powder.
Colour:	Light purple.
pH (at 49 g/L H <sub>2</sub> O):	6.6 – 7.0

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**10. Stability and Reactivity**

Stability:	Stable under recommended storage and handling conditions (refer to part 7 of this MSDS). Hygroscopic.
Reactivity:	Avoid strong oxidising agents.

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**11. Toxicological Information**

Acute toxicity:	Quantitative data on the toxicity of this product is not available.
Eye irritation:	The degree of irritation is insufficient to warrant labelling as an irritant.
Skin irritation:	The degree of irritation is insufficient to warrant labelling as an irritant.

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**12. Ecological Information**

Ecotoxic effects:	Quantitative data on the toxicity of this product is not available.
Further ecological data:	No ecological problems are to be expected when the product is handled and used with due care and attention.

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**13. Disposal Considerations**

Product:	Must be disposed of in full compliance with all federal, state and local environmental regulations.
Packaging:	Must be disposed of in full compliance with all federal, state and local environmental regulations.

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**14. Transport Regulations**

UN number:	Not regulated.
ADR/RID classification:	Not regulated for road transport.
IATA classification:	Not regulated for air transport.
IMDG classification:	Not regulated for sea transport.

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**15. Regulatory Information**

Hazard symbol:	Not applicable.
Risk phrases:	Not classified in accordance with EU regulations.
Safety phrases:	Not classified in accordance with EU regulations.

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**16. Further Information**

Reason for Issue:	Alteration to format of MSDS.
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*The information contained in this MSDS is based on the present state of our knowledge. It characterises this product with regards to the appropriate safety precaution. It does not represent a guarantee of the properties of this product. LAB M Limited shall not be held liable for any damage resulting from the handling or from contact with this product.*