
1. Product and Company Identification

Product No.: LAB053

Product Name: Triple Sugar Iron 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
Sucrose	57-50-1 200-334-9	15.4% w/w	-	-
Ferric Citrate	3522-50-7 222-536-6	0.005% w/w	-	-

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.

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.

5. Fire Fighting Measures

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

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.

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.

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) > *Sucrose*
Long term – 10 mg/M³
Short term – 20 mg/M³

UK Occupational Exposure Limits (preparation) > *Iron salts (as Fe)*
Long term – 1 mg/M³
Short term – 2 mg/M³

9. Physical and Chemical Properties

Physical form: Powder.

Colour: Straw.

pH (at 65 g/L H₂O): 7.2 – 7.6

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.

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.

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.

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.

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.

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.

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.