

SAFETY DATA SHEET

MAST CRYOBANK™

Date of issue 03/02/2005 v2

1. Identification of the substance or preparation and the company undertaking

Product Name: Mast Cryobank™.

Product Code: CRYO/R, CRYO/B, CRYO/Y, CRYO/G and CRYO/M

Manufacturer/supplier: Mast Group Ltd., Mast House, Derby Road, Bootle, Merseyside, L20 1EA, UK.
Telephone: +44 (0) 151 933 7277, Fax: +44 (0) 151 944 1332,
Email: uksales@mastgrp.com, web: www.mastgrp.com.

2. Composition/information on ingredients

Composition: Plastic tubes containing coloured beads and a cryopreservation medium (consisting of sucrose, glycerol, phosphate buffered saline and peptone).

Hazardous ingredients: These products do not contain any substance at a concentration presenting a health hazard according to the EEC Dangerous Substances Directive 67/548/EEC and requires no hazard labelling.

3. Hazard identification

Most important hazards: Not classified as hazardous. Burns to hands may occur on taking cryovials from low temperature storage with unprotected hands.

Human health hazards - eyes: May cause mild transient irritation if splashed.

Human health hazards - skin: Prolonged or repeated skin contact may cause sensitisation by contact with skin in sensitive individuals. Burns to hands may occur on taking cryovials from low temperature storage with unprotected hands.

Human health hazards - ingestion: Do not ingest. A large dose may cause diarrhoea, nausea and vomiting.

Human health hazards - inhalation: Inhalation is unlikely to cause any specific hazard.

4. First-aid measures

First aid – Eyes: Rinse eyes immediately with water for 10 to 15 minutes with eyelids open. Obtain medical attention if soreness or redness persists.

First aid – Ingestion: Wash mouth out with plenty of water.

First aid - Skin Contact: Wash skin thoroughly with soap and water. In the event of redness or itching seek medical advice.

First aid - Inhalation: Not applicable.

5. Fire fighting measures

Suitable extinguishing media: Use water spray, CO₂, foam or dry powder as the extinguisher medium.

Special risks: Not applicable.

6. Accidental release measures

Personal precautions: Wear appropriate protective clothing including disposable vinyl gloves.

Spillage Measures: Warn others of the spillage. Sweep up into suitable containers for recovery or disposal. Finally wash the area with plenty of water.

7. Handling and storage

Handling: This product is for laboratory use only and should only be used by suitably trained laboratory personnel. Avoid contact with eyes, skin and clothing.

Storage: Store unopened Cryobank tubes in the packaging provided at 10 - 25°C. Keep tightly closed in the container provided. Protect from direct sunlight and moisture.

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8. Exposure controls and personal protection

Occupational exposure limits: Not applicable.

Protective measures: Wear standard microbiology laboratory coat.
Respiratory – not required.
Hands – wear disposable vinyl gloves when handling bacterial. Wear cryoprotective gloves when handling vials taken from low temperature storage.
Eyes – safety glasses to EN166, 167 and 168.

General hygiene measures: Wash thoroughly after handling.

9. Physical and Chemical properties

Physical state: Plastic tubes containing coloured beads in a cryopreservation fluid.
Colour: Not applicable.
pH value: Not applicable.
Boiling point: Not applicable.
Melting point: Not applicable.
Flash point: Not applicable.
Ignition Temperature: Not applicable.
Explosion limits: Not applicable.
Vapour pressure: Not applicable.
Density: Not applicable.
Solubility in water: Not applicable.
Viscosity: Not applicable.

10. Stability and reactivity

Stability: Essentially stable and non-reactive under recommended storage and handling conditions.

11. Toxicological information

Acute toxicity: This product has a low order of acute toxicity.

Sensitisation – skin: The possibility of allergic sensitisation should be considered.

Sub-chronic toxicity: Repeated or prolonged exposure is not known to aggravate medical conditions.

12. Ecological information

Ecological Information: No relevant studies identified.

13. Disposal considerations

Disposal considerations: Dispose of in accordance with local and national regulations.

Dispose of contaminated waste, e.g. used plates, according to local microbiological rules.

14. Transport information

UN number: Not classified.

Proper shipping name: Not applicable.

Class: Not applicable.

Packing group: Not applicable.

ADR/RID class: Not controlled under ADR (Europe).

15. Regulatory information

EC labelling requirements: This product does not require special labelling in accordance with the appropriate EC directives.

Risk phrases: Not applicable.

Safety phrases: Not applicable

16. Other information

Revision date: 04/002/2005 DNH v2

SDS first issued: 17/04/1996

Reason for change: New style Safety Data Sheet.