

SAFETY DATA SHEET

KOSER CITRATE MEDIUM DM139

Date of issue 20/09/2004 v2

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

Product Name: Koser Citrate Medium

Product Code: DM139

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: A multi-component dehydrated powdered medium composed of magnesium sulphate, sodium ammonium phosphate, bromothymol blue, potassium di-hydrogen phosphate and tri-sodium citrate.

Hazardous ingredients: This preparation does 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.

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

Human health hazards - skin: Prolonged or repeated skin contact may cause mild skin rashes to some individuals.

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

Human health hazards - inhalation: Inhalation of fine powders at high concentrations may be harmful causing irritation of the nose, throat and upper respiratory tract.

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. Have victim drink 250-300ml of water to dilute stomach contents and seek medical advice.

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

First aid - Inhalation: Remove subject from source of exposure. Seek medical advice if you feel unwell.

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.

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. Do not breathe dust.

Storage: Store at room temperature. Keep tightly closed in the containers provided. Protect from direct sunlight and moisture.

SAFETY DATA SHEET

KOSER CITRATE MEDIUM DM139

Date of issue 20/09/2004 v2

8. Exposure controls and personal protection

Occupational exposure limits: Not applicable.

Protective measures: Wear standard microbiology laboratory coat.
Respiratory – recommended: dust mask to EN149 FFP2S or use a ventilated extraction weighing cabinet.
Hands – disposable vinyl gloves.
Eyes – safety glasses to EN166, 167 and 168.

General hygiene measures: Wash hands thoroughly after handling.

9. Physical and Chemical properties

Physical state: Dehydrated powder.
Colour: Straw/pale blue coloured.
pH value: pH 6.8 ±0.2
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: Very soluble.
Viscosity: Not applicable.

10. Stability and reactivity

Stability: Essentially stable and non-reactive under recommended storage and handling conditions. Hygroscopic. Avoid exposure to sunlight.

11. Toxicological information

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

LD50 oral – not known
LD50 skin – not known
LD50 inhalation – not known

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.

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: 20/09/2004 DNH v2
SDS first issued: 19/02/2003
Reason for change: New style Safety Data Sheet