



## SAFETY DATA SHEET

### **BUFFERED PEPTONE WATER DM494**

Date of issue 16/12/2004 v2

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

Product Name: Buffered Peptone Water

Product Code: DM494

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 peptone mixture, sodium chloride and phosphate buffering agents.

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, CO<sub>2</sub>, 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

### **BUFFERED PEPTONE WATER DM494**

Date of issue 16/12/2004 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 coloured.  
pH value: pH 7.2±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: Soluble in hot water.  
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: 16/12/2004 DNH v2

SDS first issued: 31/10/2000

Reason for change: New style Safety Data Sheet