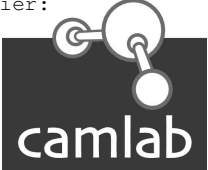


## 1. Identification

Product Code                    **1111527**

Product Name                   **BUFFER SOLUTION pH 4 COLOUR CODED (Red)**

CAS Number                     **Mixture**

Supplier:                       **CAMLAB LIMITED**  

**Norman Way Industrial Estate  
 Over  
 Cambridge  
 England  
 CB4 5WE**

Phone                            **01954 233110**  
 Fax                               **01954 233101**

Emergency Telephone       **08:00–17:00           01954 233110**  
                                   **24hr                       112**  
                                   **(Have this document to hand)**

## 2. Composition

No hazardous components

## 3. Hazards Identification

Not considered harmful

## 4. First Aid Measures

Eyes                             Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin                              Wash off skin thoroughly with water.

Inhalation                      Remove from exposure.

Ingestion                       Wash out the patients mouth thoroughly with water.

## 5. Fire Fighting Measures

Hazards                         Presents no specific fire danger.

Extinguishing                 Consider what other flammable materials are present and act accordingly.  
 Media

Unsuitable                      Nothing specified.  
 Media

## 6. Accidental Release Measures

Personal                         Presents no major hazards.  
 Protection

Enviromental                 Presents no major environmental hazard.

Major Spillage                 Wash area down with copious amounts of water.

Minor Spillage                 Wash area down with copious amounts of water.

## 7. Storage & Handling

Handling Precautions No specific precautions.

## 8.1 Workplace Exposure Limits

No prescribed exposure limits available

## 8.2 Personal Protection

Respiratory Presents no significant inhalation health hazard.

Hands Use nitrile gloves or PVC gauntlets.

Eyes Use chemical splash proof glasses or goggles.

Skin If skin contact or contamination of clothing is likely, protective clothing must be worn.

## 9. Physical & Chemical Properties

Appearance Clear red to dark red solution.

Odour No specific odour.

pH 4 @ 20 °C

Boiling point Aqueous solution

Melting point Aqueous solution

Flash point Not available

Upper Flammable Limit Not available

Lower Flammable Limit Not available

Auto Ignition Not available

Explosive properties No.

Oxidising Properties No.

Vapour Pressure Negligible

Relative Density 1.0000 °C

Water Solubility Completely soluble in water.

## 10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid No specific conditions.

Materials to Avoid No specific materials to avoid.

Hazardous None.

Decomposition Products

## 11. Toxicological Information

Eyes The liquid may be mildly irritating to the eye.

Skin Presents no significant hazard by skin contact.

LD50 Skin Not available

Ingest Presents no significant hazard by ingestion.

LD50 Ingest Not available

Inhalation Presents no significant health hazard by inhalation.

Carcinogenicity Not considered to be a carcinogen.

Mutagenicity Not considered to be a mutagen.

Reproductive Effects None identified.

## 12. Ecological

No specific environmental hazard.

## 13. Disposal Considerations

Disposal Methods Flush to drain.

Contaminated Packaging Use a licensed waste disposer.

## 14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

## 15. Regulatory Information

Labelling	None
Classification	

Label Symbols	None
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Risk & safety Phrases	None
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EEC Number	Not available
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## 16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

Revision Date: 1/09/95.

Data reviewed and PDF file generated: 17/03/10.

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