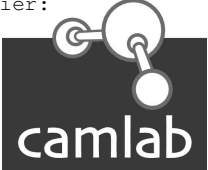


1. Identification

Product Code **1110369**

Product Name **BUFFER SOLUTION pH 4**

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

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Presents no major hazards.

Environmental 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 colourless liquid.
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

Risk & safety Phrases None

EEC Number Not available

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: 22/08/95.

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

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