SAFETY DATA SHEET
BUFFER SOLUTION pH 10 BLUE
According to Regulation (EC) No 1907/2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME BUFFER SOLUTION pH 10 BLUE
PRODUCT NO. 2098
APPLICATION General chemical reagent
SUPPLIER Reagent Chemical Services
18 Aston Fields Road
Whitehouse Industrial Estate
Runcorn
Cheshire WA7 3DL
T: 01928 716903
F: 01928 716425
E: info@reagent.co.uk
EMERGENCY TELEPHONE Emergency Telephone : +44 (0) 1928 716903 Between 08.30 - 17.00

2 HAZARDS IDENTIFICATION
Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM TETRABORATE</td>
<td>215-540-4</td>
<td>1303-96-4</td>
<td>&lt; 1</td>
<td>-</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION
Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION
Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately!

SKIN CONTACT
Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS
Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact.
BUFFER SOLUTION pH 10 BLUE

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry and cool place.

STORAGE CLASS
Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM TETRABORATE</td>
<td></td>
<td>5 mg/m3</td>
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</tr>
</tbody>
</table>

ENGINEERING MEASURES
Provide adequate ventilation.

HAND PROTECTION
Wear protective gloves. Rubber or plastic

EYE PROTECTION
Wear safety glasses. If risk of splashing, wear safety goggles or face shield.

HYGIENE MEASURES
Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

| APPEARANCE | Liquid |
| COLOUR     | Blue   |
| ODOUR      | Odourless |
| SOLUBILITY | Miscible with water. |
| BOILING POINT (°C) | About 100 |

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS
Although not classified as hazardous, the product should be treated with the care and attention appropriate to chemicals.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Although not classified as environmentally hazardous, harmful effects cannot be excluded in the event of improper handling or disposal.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

ADR CLASS
Not classified for transportation.

15 REGULATORY INFORMATION

RISK PHRASES
NC Not classified.

SAFETY PHRASES
NC Not classified.
BUFFER SOLUTION pH 10 BLUE

STATUTORY INSTRUMENTS
Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE
Classification and Labelling of Substances and Preparations Dangerous for Supply. COSHH essentials: Easy steps to control chemicals.
Control of Substances Hazardous to Health Regulations.

GUIDANCE NOTES
Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

NATIONAL REGULATIONS
Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

REVISION COMMENTS
Change to section 1

REVISION DATE 23/09/2008

REV. NO./REPL. SDS GENERATED Supercedes issue October 2001

SDS NO. 10682

RISK PHRASES IN FULL
NC Not classified.