

CONTACT
0800 990 3258
enquiries@reagent.co.uk



ReAgent

BUFFER SOLUTION pH 7 MSDS

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME: BUFFER SOLUTION pH 7

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

PRODUCT NO.: 1139

APPLICATION: General chemical reagent

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

Name	EC No.	CAS-No.	Content	Classification (67/548)
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1	C;R35

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

4 FIRST-AID MEASURES

INHALATION

In case of severe exposure to vapours or mists remove victim from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION

Do not induce vomiting. Rinse mouth thoroughly. If casualty has ingested large amounts or if discomfort continues wash mouth thoroughly and obtain medical attention.

SKIN CONTACT

Remove contaminated clothing. Wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids. If possible remove any contact lenses and continue to wash. 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.

SPECIFIC HAZARDS

In case of fire there is a slight possibility of toxic and corrosive vapours being formed.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Small Spillages: Absorb with sand or other inert absorbent. Large Spillages: Dam and absorb spillages with sand, earth or other inert material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

BUFFER SOLUTION pH 7**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Avoid inhalation of vapours and spray mists.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
SODIUM HYDROXIDE	OES				2 mg/m3	

ENGINEERING MEASURES

Provide adequate ventilation and appropriate extraction to avoid occupational exposure. If vapours or mists are generated, work in a fume cupboard.

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection if vapours or mists are generated.

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	Colourless		
ODOUR	Odourless		
SOLUBILITY	Miscible with water		
BOILING POINT (°C)	About 100	RELATIVE DENSITY	About 1.0 20
pH-VALUE, CONC. SOLUTION	7		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

11 TOXICOLOGICAL INFORMATION**INHALATION**

Vapours or mists in high concentration may cause irritation to the respiratory system.

INGESTION

Ingestion of large amounts may cause nausea and vomiting.

SKIN CONTACT

May cause slight irritation on prolonged contact.

EYE CONTACT

Irritating to eyes.

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.

BUFFER SOLUTION pH 7**14 TRANSPORT INFORMATION**

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
	No transport warning sign required.
MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

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

GENERAL INFORMATION

Under REACH Material Safety Datasheets (MSDS) are referred to as Safety Datasheets (SDS).

REVISION COMMENTS

Change to section 1

REVISION DATE 13/10/2008

REV. NO./REPL. SDS GENERATED 1

SDS NO. 10679

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R35 Causes severe burns.