

Chem Alert Report

Product Name **BUFFER SOLUTION PH 10.**

Ingredient	Conc.	CAS No.
SODIUM CARBONATE	0.1 - 1%	497-19-8
SODIUM AZIDE	0.02 - 0.03%	26628-22-8
WATER	>99%	7732-18-5
SODIUM BICARBONATE	0.1 - 1%	144-55-8
DYE	<0.01%	Not Available

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

Synonyms	BL019 - MANUFACTURER'S CODE, BL078 - MANUFACTURER'S CODE, BUFFER SOLUTION PH 10, BUFFER SOLUTION PH 10.0 COLOUR-CODED BLUE, BUFFER SOLUTION PH 10.0 COLOURLESS, BUFFER SOLUTION TURQUOISE COLOURED LIQUID		
Appearance	TURQUOISE COLOURED LIQUID		
Odour	SLIGHT ODOUR		
Use(s)	LABORATORY REAGENT, LABORATORY APPLICATIONS, BUFFER SOLUTION.		
Supplier	FRONINE LABORATORY SUPPLIES Ph: 02 9627 3600 Emerg. Ph: 13 11 26		
Stock No.	79, 267.		
Poison Sched	None Allocated	Hazchem None Allocated	UN No. None Allocated
Pkg Group	None Allocated	EPG None Allocated	D.G Class None Allocated
			Sub/Tert Risk None Allocated

HEALTH HAZARDS

Health Hazard Summary	Low toxicity - Irritant. Use safe work practices to avoid eye or skin contact. Due to the low vapour pressure of this product an inhalation hazard is not anticipated. Small product size and usage reduces potential for adverse health effects. No chronic effects are reported.
Eye	Irritant. Exposure may result in lacrimation, irritation, pain and redness.
Inhalation	Low irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.
Skin	Irritant. Prolonged skin contact or direct contact with abraded skin may result in irritation and possible skin rash.
Ingestion	Low toxicity. Ingestion may result in headache, nausea, vomiting, gastrointestinal irritation and diarrhoea.

PRECAUTIONS

Flammability	Non flammable. No fire or explosion hazard exists.
Reactivity	Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).
Ventilation	Ensure adequate natural ventilation.

PERSONAL PROTECTIVE EQUIPMENT

PPE	Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear coveralls. In a laboratory situation, wear a laboratory coat.
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Colour
Rating
AMBER

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FIRST AID

- Eye** Flush gently with running water. Seek medical attention if irritation develops.
- Inhalation** If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
- Skin** Remove contaminated clothing and gently flush affected areas with water. Continue to flush with water until skin no longer feels soapy. Seek medical attention. Launder clothing before reuse.
- Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.

SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure product is adequately labelled, protected from physical damage and sealed when not in use.
- Waste Disposal** For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved.
- Transport** Not regulated for transport purposes.

EMERGENCY

- Spillage** If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution; surfaces may be slippery.
- Fire and Explosion** Non flammable. No fire or explosion hazard exists.
- Extinguishing** Non flammable.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: NON FLAMMABLE
Boiling Point: > 100 C
Exposure Standard: NOT AVAILABLE
pH: 4.0
Specific Gravity: 1.0
Vapour Pressure: 18 mm Hg @ 20 C
Lower Explosion Limit: NOT RELEVANT

Flash Point: NOT RELEVANT
Melting Point: < 0 C (Water)
Evaporation Rate: AS FOR WATER
% Volatiles: > 60 % (Water)
Solubility (water): SOLUBLE
Upper Explosion Limit: NOT RELEVANT