

Material Safety Data Sheet

Not classified as hazardous according
to criteria of Worksafe Australia

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Buffer 4 solution

Identification

Product Name: Buffer 4
Other Names: None
Product Code: None allocated
UN Number: None allocated
Dangerous Goods class & Subsidiary Risk: None allocated
Packaging Group: None allocated
Hazchem Code: None allocated
Poisons Schedule Number: None allocated
Use: General laboratory reagent

Physical Description and Properties

Form:	Liquid	Flashpoint (Open Cup):	Buffer 4
Odour:	Odourless	Upper flammability limit:	None
Boiling point:	Not Relevant	Lower flammability:	None
Melting:	Not Relevant	Ignition temperature:	None allocated
Vapour pressure:	Not Relevant	Specific gravity:	None allocated
Vapour density:	Not Relevant	Density:	None allocated
Solubility in Water:	Miscible in all proportions		
Other information:	Stable.		

<u>Ingredients</u>	<u>CAS Number</u>	<u>Proportion</u>
Potassium hydrogen phthalate	877-24-7	<1.1%
Water	7732-18-5	to 100%

All constituents are listed in the Australian Inventory of Chemical Substances (AICS).

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Health Hazard Information

Toxicological information:

No data.

No evidence of carcinogenic properties.

No evidence of mutagenic teratogenic effects.

Hazardous properties are relatively improbable.

The product should be handled with care as usual when dealing with chemicals.

Other information:

No other information available.

First Aid Information

Eye contact: Irrigate thoroughly with water. If discomfort persists obtain medical attention.

Inhalation: Remove from exposure.

Skin contact: Wash off thoroughly with soap and water.

Ingestion: Wash out mouth thoroughly with water. In severe cases obtain medical attention.

Advice to doctors: Treat symptomatically.

First aid facilities: No information.

Worksafe Information

Foreign Exposure limits: None assigned.

Precautions for Use

Engineering controls: As appropriate to quantity handled. Not applicable

Personal protection

Gloves: Rubber or plastic.

Eye protection: Goggles or face-shield.

Special risks: Use fire-fighting agent appropriate for materials burning in the area.

Suitable extinguishing media: Not applicable to this product.

Use extinguisher relative to combustible materials on fire.

Other precautions: Plastic apron, sleeves, boots – if handling large quantities

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Safe Handling Information

UN Number: None allocated

Dangerous Goods class and Subsidiary Risk: None allocated

Packaging Group: None allocated

Storage:

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

Spillage and disposal:

Wear appropriate protective clothing.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

No environmental hazard is anticipated provided that the material is handled and disposed of with care and attention.

Chemical residues are generally classified as special waste, and as such are covered by regulations, which vary according to location. Contact your waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty container thoroughly before returning for recycling.

Fire and explosion:

Use fire-fighting agent appropriate for materials burning in the area.

Other Information

EC Hazard symbols: Not Applicable

Contact point

Operations Manger
(08) 9 356 8866
Monday to Friday 8:00 am to 5:00 PM (WST)

Managing Director
0 419 241 075
Monday to Friday 8:00 am to 5:00 PM (WST)

Manufacture's Advice

This Material Safety Data Sheet (MSDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace. The use should be considered also in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

This company will not take responsibility for any deliberate miss-use of the product or negligence related to this literature.