

AS7004 pH 4.01 Buffer Solution
Health & Safety Data Sheets

SECTION 1 – IDENTIFICATION OF PREPARATION

Product Name: > pH 4.01 Buffer Solution
Code No: >AS7004

Application:
> pH Buffer solution

Manufacturer: Aquarius Technologies Pty Ltd
Address: 1/23 Richland Avenue
Coopers Plains Qld 4108
Australia

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: >Solution in water
Chemical Composition: >Potassium Hydrogen Phthalate: <2.0%
>Stabilizers: <0.01%

SECTION 3 – HAZARD IDENTIFICATION

N/A

SECTION 4 – FIRST AID MEASURES

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

Inhalation:
>N/A

Ingestion:
>Wash out mouth thoroughly with water and give plenty of water to drink.
In severe cases obtain medical attention

Skin Contact:
>Wash off thoroughly with soap and water

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SECTION 5 – FIRE FIGHTING MEASURES

Special Risks:
>N/A

Fire Extinguisher:
>N/A

Special Fire Precautions:
>None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

In Case Of Accidental Spill Or Release:

>If local regulations permit, mop up cautiously with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company.

SECTION 7 – HANDLING & STORAGE

Handling:

- >Do not eat or drink while handling this material
- >Wash hands and face after working with this material

Storage:

- >Store at room temperature (@15-25°C)
- >Protect from direct sunlight
- >Keep container well closed
- >Keep away from children

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

As appropriate to quantity handled

Respiratory Protection:
>Not applicable

Protective Gloves:
>Rubber or Plastic

Eye Protection:
>Goggles or face shield

SECTION 9 – PHYSICAL/CHEMICAL PROPERTIES

Appearance & Odour:
>Slightly soapy
>Odourless

Water Reactivity:
>Non-reactive

Solubility in Water:
>Miscible in any proportion

Melting Point:
>N/A

Boiling Point:
>100°C

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SECTION 10 – STABILITY AND REACTIVITY

Stability:

>Stable

SECTION 11 – TOXICOLOGICAL INFORMATION

In Case of Ingestion:

>After ingestion of large amounts: nausea, vomiting or diarrhea.. However, when handled properly, hazardous effects are unlikely to occur

In Case of Skin Contact

>May cause conjunctivitis

Further Data:

LD50 (oral-rat) = N/A

No evidence of mutagenic or teratogenic effects.

SECTION 12 – ECOLOGICAL INFORMATION

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

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal:

>In compliance with current regulations

>Chemical residues are generally classified as special waste and thus covered by local regulations. Contact authorities or disposal companies for advice.

>Wash empty containers before recycling

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SECTION 14 – TRANSPORT INFORMATION

UN-No.: IMDG class: NR
IMO: NR Packaging Group:
IATA: NR Packaging Group:

Correct technical name: Not Restricted
ADR/RID: NR

SECTION 15 – REGULATORY INFORMATION

Labeling According to EEC Directives:

R-phrases:

S-phrases:

SECTION 16 – OTHER INFORMATION

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