

AS7010 pH 10 Buffer Solution
Material Safety Data Sheets

SECTION 1 – IDENTIFICATION OF PREPARATION

Product Name:

> pH 10. Buffer Solution

Code No:

>AS7010

Application:

> pH Buffer solution

Manufacturer:

Aquarius Technologies Pty Ltd

Address:

19 Overlord Place
Acacia Ridge QLD 4110
Australia

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization:

>Solution in water

Chemical Composition:

>Sodium Tetraborate: <10%

>Sodium Hydroxide: <1%

SECTION 3 – HAZARD IDENTIFICATION

N/A

SECTION 4 – FIRST AID MEASURES

Eye Contact:

>Immediately irrigate thoroughly with Water for at least 15 minutes. If discomfort persists obtain medical attention.

Inhalation:

>Remove from contaminated air. Maintain Breathing with artificial Respiration. Seek medical assistance

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. Seek medical assistance if needed

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SECTION 5 – FIRE FIGHTING MEASURES

Suitable Media: Water Spray, Carbon dioxide, dry chemical powder, or foam

Special Risks:

>N/A

Fire Extinguisher:

>N/A

Special Fire Precautions:

>None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

In Case Of Accidental Spill Or Release:

>Do not allow to enter waterways. Use inert material such as sand to contain spill or leak. Absorb spills with chemical absorber or vermiculite and dispose on in accordance with local regulations.

SECTION 7 – HANDLING & STORAGE

Handling:

>Do not get in eyes, on skin, on clothing.
>Avoid prolonged or repeated exposure
>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, food and other chemicals

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:

>Clear blue liquid
>Odourless

Water Reactivity:

>Non-reactive

Solubility in Water:

>Miscible in any proportion

Melting Point:

>N/A

Boiling Point:

>100°C

Specific Gravity

> 1

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SECTION 10 – STABILITY AND REACTIVITY

Stability:

>Stable

SECTION 11 – TOXICOLOGICAL INFORMATION

In Case of Ingestion:

> May cause irritation of the gastric system. Ingestion of large quantities may cause severe vomiting, diarrhea, shock or death.

In Case of Skin Contact

>May Irritate skin tissues. Chronic exposure may cause dermatitis

In Case of Eye Contact

>Maybe irritating to eye tissue. May cause conjunctivitis

Further Data:

LDLo: oral infant 1000mg/kg, oral man 709mg/kg

LD50 (oral-rat) = 2660mg/kg

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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