

**AS4250 pH 4.01 ORP 250mV Combo Buffer Solution
Material Safety Data Sheets**

SECTION 1 – IDENTIFICATION OF PREPARATION

Product Name: **Code No:**
> pH 4.01 ORP 250mV Combo Buffer Solution >AS4250

Application:
➤ pH/ORP 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:	Chemical Composition:
>Solution in water	>Potassium Hydrogen Phthalate: <2.0%
>Stabilizers: <0.01%	
>QuinHydrone < 0.1%	

SECTION 3 – HAZARD IDENTIFICATION
N/A

SECTION 4 – FIRST AID MEASURES

Eye Contact:	Inhalation:
>Irrigate thoroughly with water. If discomfort persists obtain medical attention.	>N/A

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

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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 diarrhoea. 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

Labelling According to EEC Directives:

R-phrases:

S-phrases:

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