

# Material Safety Data Sheet

Date prepared: 22/12/2008

Date revised: (first edition)

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## 1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: BUFFER 7 CALIBRATION FLUID

Company/undertaking name & address: AQUACULTURE LTD  
UNIT 3A/3B PARWAY ONE  
PARKWAY DRIVE  
SHEFFIELD  
S9 4WU

Telephone: 0114 2626070

E-mail: callie@aquacult.com

## 2. Composition

Substance: BUFFER 7 CALIBRATION SOLUTION FOR pH METERS

% Content: 0.68% POTASSIUM DIHYDROGEN PHOSPHATE  
0.12% SODIUM HYDROXIDE

CAS Number: N/A

Classification: N/A

EINECS: N/A

## 3. Hazards Identification

Most important hazards: CAUSES IRRITATION TO OPEN WOUNDS

## 4. First aid measures

Skin contact: IMMEDIATELY IRRIGATE WITH OR CLEAN WATER

Eye contact: IMMEDIATELY IRRIGATE WITH EYEWASH OR CLEAN WATER FOR 10 MINS.

Ingestion: WASH OUT THE PATIENTS MOUTH THOROUGHLY WITH WATER. GIVE PENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING SEEK MEDICAL ATTENTION URGENTLY. DISPLAY LABEL WHERE POSSIBLE

## 5. Fire fighting measures

Suitable extinguishing media: NON FLAMMABLE. NON-COMBUSTIBLE.

Unsuitable extinguishing media: N/A

Special hazards in fire: N/A

Required special protective equipment: N/A

For fire fighters: N/A

## 6. Accidental release measures

Spillages: ENSURE SUITABLE GLOVES AND GOGGLES ARE WORN DURING REMOVAL OF SPILLAGE. WASH AREA DOWN WITH COPIOUS AMOUNTS OF WATER.

Personal precautions: WEAR SUITABLE GLOVES AND GOGGLES IN CASE OF SPLASHES

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Environmental Precautions: N/A

## 7. Handling and storage

Handling: PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. WASH AFTER HANDLING.

Storage: STORE ABOVE 7<sup>0</sup>C TO PREVENT CRYSTALLISATION. KEEP AWAY FROM DIRECT SUNLIGHT.

## 8. Exposure Controls

Eye protection: WEAR SAFETY GOGGLES.

Hand protection: WEAR RUBBER GLOVES.

Hygiene measures: AN EYEWASH SHOULD BE NEARBY AND READY FOR USE.

## 9. Physical and chemical properties

Appearance: CLEAR LIQUID

Odour: N/A

pH: 7 AT 20°C

Boiling point: 100<sup>0</sup>C

Melting point: N/A

Flashpoint: N/A

Explosive properties: N/A

Vapour pressure: N/A

Relative density: N/A

Solubility: WATER SOLUBLE

## 10. Stability and reactivity

Conditions to avoid: N/A

Materials to avoid: N/A

Hazardous decomposition products: MAY PRODUCE HAZARDOUS FUMES IF INVOLVED IN FIRE

## 11. Toxicological information

Acute toxicity: N/A

Local effects: N/A

Excessive exposure may affect human health as follows:

Skin contact: MILD IRRITANT

Eye contact: MILD IRRITANT

Inhalation/ingestion: WILL CAUSE VOMITING AND VIOLRNT ABDOMINAL IF LARGE AMOUNTS ARE INGESTED

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## 12. Ecological information

Environmental fate and Distribution: NO SPECIFIC ENVIROMENTAL HAZARD

Toxicity: POSES NO SIGNIFICANT THREAT.

## 13 Disposal Considerations

Disposal should be in accordance with local national legislation.

## 14. Transport information

Classification data: N/A

## 15. Regulatory information

N/A

## 16. Other Information