

# Material Safety Data Sheet

## **B010-B020-B030-B040-B050 pH 6.50-pH7.40 (Sorensens) Buffer Concentrates.**

### **1 Identification of substance**

Product details

Trade name Sorensen's Buffer Concentrates pH 6.50 – pH 7.40

### **Manufacturer:**

GCC Diagnostics (Gainland Chemical Company) Factory Road, Sandycroft, Deeside, Flintshire, UK

Tel: 0044 1244 536326

Web Site: [www.gccdiagnostics.com](http://www.gccdiagnostics.com)

Informing department: Product safety department.

Emergency information: During normal hours the Health, Safety and Environmental Control Dept.

Tel: 0044 1244 536326 (day) 00441352 781586 ( night)

### **2 Composition/Data on components:**

Chemical characterization: Sodium and Potassium phosphate salts, preservative (4-chloroacetamide), balance water.

Identification number(s): none.

### **3 Hazards identification**

Hazard designation: None.

### **4 First aid measures**

After skin contact , wash with water and soap and rinse thoroughly. Seek immediate medical advice. After eye Contact. rinse opened eye for several minutes under running water. After swallowing, seek medical advice if you feel unwell .

### **5 Fire fighting measures**

Dangerous substances released in case of fire: Carbon monoxide (CO)

### **6 Accidental release measures**

Rinse to drain. No environmental risk.

Additional information:

See Section 7 for information on safe handling

See section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

### **7 Handling and storage**

Handling Information for safe handling: Keep containers tightly sealed. To avoid bacterial/fungal contamination, store at room temperature or below.

No special requirements.

### **8 Exposure controls and personal protection**

No real Health & Safety risk in normal use.

Personal protective equipment General protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work.

Protection of hands/body : Impervious gloves & normal eye protection- Safety glasses . Other body protection not essential.

## 9 Physical and chemical properties:

Form: Liquid

Colour: none ( water white)

Smell: None

Boiling point/Boiling range: 96-100C  
Sublimation temperature / start: None  
Flash point: None  
Inflammability (solid, gaseous) Not flammable  
Ignition temperature: None  
Decomposition temperature: Not determined  
Danger of explosion: No risk.

Density at 20 ° C 1.05  
Solubility in / Miscibility with Water: Fully miscible

## 10 Stability and reactivity

Stable with other compounds. Dangerous products of decomposition:

Carbon monoxide/dioxide

## 11 Toxicological information

Very minor irritant effect possible for skin and mucous membranes. on the eye: Minor irritant effect possible.

Sensitization: No sensitizing effect known. .

IARC-3: Not classifiable as to carcinogenicity to humans.

## 12 Ecological information:

General notes: No real risk to environment in the quantities involved in normal use.

## 13 Disposal considerations

Product: Run waste to Public Sewer.

Uncleaned packagings: Recommendation: Normal disposal. Not restricted.

Recommended cleaning agent: Water, if necessary with cleaning agent.

## 14 Transport information

Not Classified under any regulation.

## 15 Regulatory information

Designation according to EC guidelines: Not Restricted.

National regulations Information about limitation of use: For use only by technically qualified individuals.

Employment restrictions concerning young persons must be observed.

## 16 Other information:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

## GCC Diagnostics

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