

### Health & Safety data sheets

#### SECTION 1 - IDENTIFICATION OF PREPARATION

**Product name:**

- pH 7.01 Buffer Solution

**Code No.:**

- HI7007

**Application:**

- pH Buffer solution

**Manufacturer  
identification:**

HANNA INSTRUMENTS  
V.le delle Industrie 12  
Ronchi di Villafranca  
PADOVA ITALY

#### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization:**

- Solution in water

**Chemical composition:**

- Phosphate compounds: <1%
- Other ingredients: 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.

**Skin contact:**

- Wash off thoroughly with soap and water.

**Ingestion:**

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

**Inhalation:**

- N/A

#### SECTION 5 - FIRE FIGHTING MEASURES

**Special risks:**

- Not applicable

**Fire extinguisher:**

- N/A

**Special fire fighting precautions:**

- None

### Health & Safety data sheets

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

##### **In case of accidental spill or release:**

- If local regulations permit, mop up 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 AND STORAGE

##### **Handling:**

- Under no circumstances eat or drink while handling this material
- Wash hands and face after working with material

##### **Storage:**

- Store at room temperature (@ 15-25°C)
- Protect from direct sunlight and moisture
- 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/face shield

#### SECTION 9- PHYSICAL/CHEMICAL PROPERTIES

##### **Appearance and odor:**

- Green solution
- Odorless

##### **Water reactivity:**

- Non-reactive

##### **Solubility in water:**

- Miscible in any proportion

##### **Melting point:**

- N/A

##### **Boiling point:**

- > 100 C°

#### 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:**

- Chronic exposure may cause dermatitis

##### **In case of eye contact:**

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

### Health & Safety data sheets

- 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:**

- Chemical residues are generally classified as special waste and thus covered by local regulations. Contact authorities or disposal companies for advice.
- In compliance with current regulations.

#### 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

Emergency telephone number 0039-049-9070211

Last revision May 2000