

### Health & Safety data sheets

#### SECTION 1 - IDENTIFICATION OF PREPARATION

**Product name:**

- pH 10.01 Buffer Solution

**Code No. :**

- HI 7010

**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:**

- Carbonate compounds : < 1.0%

#### 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. In severe cases obtain medical attention.

**Inhalation:**

- N/A

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#### SECTION 5 - FIRE FIGHTING MEASURES

**Special risks:**

- Not applicable

**Fire extinguisher:**

- N/A

**Special fire fighting precautions:**

- None

#### 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:**

- Slightly soapy
- Odorless

**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 diarrhea. However, when handled properly, hazardous effects are unlikely to occur.

**In case of skin contact:**

- May cause irritation

**In case of eye contact:**

- Irritation.
- **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

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#### SECTION 15- REGULATORY INFORMATION

##### **Labeling according to EEC directives:**

R-phrases: -

S-phrases: -

#### SECTION 16- OTHER INFORMATION

Emergency telephone number 0039-049-9070211

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