

Health & Safety data sheets

SECTION 1 - IDENTIFICATION OF PREPARATION

Product name:

- pH 4.01 Buffer Solution

Code No:

- HI 7004

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:

- Potassium Hydrogen Phthalate : < 2.0%
- 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

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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:

- Chronic exposure may cause dermatitis

In case of eye 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:

- 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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