

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

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.

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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

Last revision May 2000