

### Health & Safety data sheets

#### SECTION 1 - IDENTIFICATION OF PREPARATION

**Product name:**

- pH Soil Test Solution

**Application:**

- pH Soil Test Solution

**Cat. No. :**

- HI7051

**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:**

- Calcium chloride: < 1.0 %

#### SECTION 3 - HAZARD IDENTIFICATION

Irritating to eyes

#### SECTION 4- FIRST AID MEASURES

**Eye contact:**

- Irrigate thoroughly with water.
- If discomfort persists, obtain medical attention

**Skin contact:**

- Wash off thoroughly with water.

**Ingestion:**

- Wash out mouth thoroughly with water and give plenty of water to drink.
- If discomfort persists, obtain medical attention

**Inhalation:**

- N/A

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#### SECTION 5 - FIRE FIGHTING MEASURES

**Special risks:**

- N/A

**Fire extinguisher:**

- N/A

**Special fire fighting precautions:**

- None

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Wear appropriate protective clothing.
- 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:**

- Clear and colorless liquid
- 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

**Substances to be avoided:**

- vinylmethyl ether

#### SECTION 11- TOXICOLOGICAL INFORMATION

- **In case of eye contact:**

Irritation

- **In case of ingestion of large amounts:**

Gastrointestinal complaints

- **Further data:**

LD50 (oral-rat): 1000 mg/Kg as 100%

NO evidence of carcinogenic properties. 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 as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company.

#### 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:**

Symbol: **Xi** *Irritant*

R-phrases: 36 *Irritating to eyes*

S-phrases: 24 *Avoid contact with skin.*

#### SECTION 16- OTHER INFORMATION

Emergency telephone number 0039-49-9070211

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