

Health & Safety data sheet
According to EC Directive 91/155/EC and following amendments

Date of issue: 20 May 2004.

SECTION 1 - IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY**Product name:**

- HI 3895-P Phosphorus Reagent

Application:

- Determination of phosphorus in soil (extract) samples.

Manufacturer identification:

Hanna Instruments Italia s.r.l.
Viale delle Industrie, 12/A
35010 Villafranca Padovana, Italy
tel. n. °: +39-049-9070211

Emergency Telephone n. °: no hazardous product.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of crystalline powders.

SECTION 3 - HAZARD IDENTIFICATION

No hazardous product as specified in Directive 67/548/EEC.

SECTION 4 - FIRST AID MEASURES

- **After inhalation** : fresh air.
- **After skin contact** : wash off with water. Remove contaminated clothing.
- **After eye contact** : rinse out with plenty of water. If pain persists, summon medical advice.
- **After swallowing** : drink plenty of water, induce vomiting. Obtain medical attention if feeling unwell.

SECTION 5 – FIRE-FIGHTING MEASURES

- **Suitable extinguishing media:**
 - In adaptation to materials stored in the immediate neighborhood.
- **Special risks:**
 - Non-combustible.
- **Special protective equipment for fire fighting:**
 - Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
- **Additional information:**
 - Prevent fire-fighting water from entering surface water or groundwater.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- **Personal precautions:**
 - Avoid generation of dusts. Do not inhale dusts.
- **Environmental precautions:**
 - Do not discharge into the drains/surface waters/groundwater's.
- **Additional notes:**
 - Take up dry. Clean up affected area and dispose according to local regulation.

SECTION 7 - HANDLING AND STORAGE

- **Handling:**
 - No further requirements.
- **Storage:**
 - Store at room temperature (+15 to +25 °C recommended). Protect from light and moisture.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

- **Personal protective equipment:**
 - As appropriate to quantity handled.
- **Protective gloves:**
 - Rubber or plastic.
- **Respiratory protection:**
 - Required when dusts are generated.
- **Eye protection:**
 - Goggles or face mask.

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SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

- | | | | |
|-----------------------|--------------------------|------------------------|----------------------------|
| • appearance and odor | : white powder, odorless | • ignition temperature | : NA |
| • solubility in water | : soluble | • flash point | : NA |
| • melting point | : ND | • explosion limits | : NA |
| • boiling point | : NA | • density at 20°C | : ND |
| | | • pH at 20°C | : ~ 1.5 at 20 g/L in water |

SECTION 10 - STABILITY AND REACTIVITY

- | | | | |
|--|--|------------------------------------|--|
| • Conditions to be avoided: | | • Substances to be avoided: | |
| - ND | | - ND | |
| • Hazardous decomposition products: | | • Hazardous polymerization: | |
| - In the event of fire: see section 5. | | - Will not occur. | |

SECTION 11 - TOXICOLOGICAL INFORMATION

Quantitative data on the toxicity of this product are not available.

- **In case of skin contact** : possibility of slight irritations.
- **In case of eye contact** : possibility of slight irritations.
- **In case of ingestion** : possible symptoms: nausea, vomiting, gastrointestinal and mouth pain, diarrhea.
- **Further data** : no toxic effects are to be expected when the product is handled with the care usual when dealing with chemicals.

SECTION 12 - ECOLOGICAL INFORMATION

- **Ecotoxic effect** : Quantitative data on the ecological effect of this product are not available.
- **Further ecological data** : No ecological problems are to be expected when the product is handled and used with due care and attention.

SECTION 13 - DISPOSAL CONSIDERATIONS

- **Waste disposal:**
- Can be safely disposed off as an ordinary refuse.

SECTION 14 - TRANSPORT INFORMATION

Not subject to transport regulations.

SECTION 15 - REGULATORY INFORMATION**Labeling according to EC Directives:**

Symbol:	-	
R-phrases :	-	
S-phrases :	22-24/25	Do not breathe dust. Avoid contact with skin and eyes.
Contains :	-	

SECTION 16 - OTHER INFORMATION

- **Supersedes edition of** : June 2002
- **Reason for revision** : general update
- **Legend** : NA Not applicable
ND Not determined

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF THE PROPERTIES OF THE PRODUCT.