

**Revision Date:** 2008-12-01

**Reason for Revision:** REACH Compliance and General Update

**SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY**

**Product Name:** HI 93758A Reagent Vial

**Additional Product Codes:**

**Application:** Determination of Phosphorus in water samples

**Company Information (USA):**

Hanna Instruments, Inc.  
584 Park East Dr, Woonsocket, Rhode Island, USA 02895

**Technical Service Contact Information:**

1-800-426-6287 (8:30AM - 5:00PM ET)  
+1-401-766-4260 (8:30AM - 5:00PM ET)

**USA Emergency Contact Information:**

1-800-424-9300 (Chemtrec 24Hr. Emergency)

**International Emergency Contact Information:**

+1-703-527-3887 (Chemtrec 24Hr. Emergency)

**E-mail Address:**

tech@hannainst.com

**SECTION 2: HAZARD IDENTIFICATION**

Non-hazardous product as specified in Directives 67/548/EEC and 1999/45/EC.

**SECTION 3: COMPOSITION AND COMPONENT INFORMATION**

**Component:** Aqueous Solution

**EC-No.:**

**CAS-No.:**

**Hazard:**

**Phrases:**

**Content:**

**SECTION 4: FIRST AID MEASURES**

**After Inhalation:** Not required

**After Skin Contact:** Not required

**After Eye Contact:** Not required

**After Swallowing:** Not required

**General Information:**

**SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:**

Water spray, Carbon Dioxide, Dry Chemical Powder, Appropriate Foam.

**Special Risks:**

None.

**Special Protective Equipment:**

NA

**Additional Information:**

No special fire precautions are required.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions:**

None

**Environmental Precautions:**

None

**Additional Notes:**

None

**SECTION 7: HANDLING AND STORAGE****Handling:**

No restrictions

**Storage:**

Keep container closed and protected from direct sunlight. Store at room temperature (+15°C to +25°C).

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION****Ingredients:****Engineering:**

Maintain general industrial hygiene practice.

**Personal Protective Equipment:**

Not required

**Respiratory Protection:**

Required when vapors/aerosols are generated. Work under hood.

**Protective Gloves:**

Compatible chemical-resistant gloves

**Eye Protection:**

Goggles or face mask

**Industrial Hygiene:**

Change contaminated clothing. Wash hands after working with substance.

**SECTION 9: PHYSICAL/CHEMICAL PROPERTIES****Appearance:** Colorless liquid**Odor:** Odorless**Density at 20° C:** ~ 1 g/cm<sup>3</sup>**Melting Point:** ~ 0 °C**Boiling Point:** ~ 100 °C**Solubility:** Soluble**pH at 20° C:** ~ 6.0**Explosion Limit:** NA**Flash Point:** NA**Thermal Decomp.:** NA**SECTION 10: STABILITY AND REACTIVITY****Conditions to be Avoided:**

Strong Heating (above boiling point).

**Hazardous Polymerization:**

Will not occur.

**Further Information:**

Not available

**Hazardous Decomposition Products:**

None

**Substances to be Avoided:**

The generally known reaction partners of water

**SECTION 11: TOXICOLOGICAL INFORMATION**

No toxic effects are to be expected when the product is handled appropriately.

**In Case of Inhalation:**

**In Case of Skin Contact:**

**In Case of Eye Contact:**

**In Case of Ingestion:**

**Further Data:**

**SECTION 12: ECOLOGICAL INFORMATION**

No environmental hazard.

**Further Data:**

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Can be safely disposed of as an ordinary refuse.

**SECTION 14: TRANSPORTATION INFORMATION**

**Land:**

Not subject to transport regulations.

**Sea:**

Not subject to transport regulations.

**Air:**

Not subject to transport regulations.

**SECTION 15: REGULATORY INFORMATION**

**Labeling according to EC Directives:**

**Symbol:** Non-hazardous according to Directives 67/548/EEC and 1999/45/EC.

**R-phrases:**

**S-phrases:**

**Contains:**

## Safety Data Sheet

According to Regulation (EC) No. 1907/2006

### **SECTION 16: OTHER INFORMATION**

***Text of R-phrases under Section 3***

***Revision Information***

***Legend***

**Revision Date:** 2008-12-01

NA: Not Applicable

**Supersedes edition of:** 2008-01-03

ND: Not Determined

**Reason for revision:** REACH Compliance and General Update

**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.**