

# Safety Data Sheet

According to Regulation (EC) No. 1907/2006  
OSHA Regulation 29 CFR 1910.1200  
Canadian Regulation SOR/88-66

**Revision Date:** 2013-06-13  
**Reason for Revision:** Regulation (EC) No. 1272/2008 Compliance

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

**Product Name:** HI 3896-pH Indicator Reagent      **Additional Product Codes:** HI 3896-PH  
**Application:** Determination of pH in Soil (Extract) 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.  
Non-hazardous product as specified in OSHA Regulation 29 CFR 1910.1200.  
Non-hazardous product as specified in Canadian Regulation SOR/88-66.  
Non-hazardous product as specified in Regulation (EC) 1272/2008.

## **SECTION 3: COMPOSITION AND COMPONENT INFORMATION**

Aqueous Solution

## **SECTION 4: FIRST AID MEASURES**

**After Inhalation:** Remove to fresh air.  
**After Skin Contact:** Wash affected area 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.  
**General Information:** Not available

## **SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:**  
Foam, Dry Powder, Carbon Dioxide  
**Special Risks:**  
Development of hazardous combustion gases possible in the event of fire. The following may develop in event of fire: Hydrochloric Acid  
**Special Protective Equipment:**  
Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.  
**Additional Information:**  
NA

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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions:**

Avoid substance contact. Do not inhale vapors/aerosols. Ensure supply of fresh air in enclosed rooms

### **Environmental Precautions:**

NA

### **Additional Notes:**

Take up with liquid-absorbent material. Forward for disposal.

## **SECTION 7: HANDLING AND STORAGE**

### **Handling:**

Work under hood. Do not inhale substance. Avoid generation of vapors/aerosols.

### **Storage:**

Tightly closed. In a well ventilated place. Store at room temperature (+15°C to +25°C recommended).

## **SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

### **Engineering:**

Maintain general industrial hygiene practice.

### **Personal Protective Equipment:**

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

### **Respiratory Protection:**

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

### **Protective Gloves:**

Rubber or plastic

### **Eye Protection:**

Goggles or face mask

### **Industrial Hygiene:**

Change contaminated clothing. Apply skin-protective barrier cream. Wash hands after working with substance.

## **SECTION 9: PHYSICAL/CHEMICAL PROPERTIES**

<b>Appearance:</b>	Dark green liquid	<b>Odor:</b>	Odorless	<b>Density at 20°C:</b>	NA
<b>Melting Point:</b>	ND	<b>Boiling Point:</b>	ND	<b>Solubility:</b>	Soluble
<b>pH at 20°C:</b>	6.7	<b>Explosion Limit:</b>	NA	<b>Flash Point:</b>	NA
<b>Thermal Decomp.:</b>	NA				

## **SECTION 10: STABILITY AND REACTIVITY**

### **Conditions to be Avoided:**

Heating

### **Hazardous Polymerization:**

Will not occur.

### **Further Information:**

Not available

### **Hazardous Decomposition Products:**

See section 5.

### **Substances to be Avoided:**

No information available

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## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Product Toxicity**

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

### **Potential Health Effects:**

**Skin Contact:** Possibility of slight irritations.

**Eye Contact:** Possibility of slight irritations.

**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 usual care when dealing with chemicals.

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### **Component Toxicity**

#### **Acute Toxicity:**

Not Available

#### **Chronic Toxicity:**

Not Available

#### **Additional Data:**

Not Available

## **SECTION 12: ECOLOGICAL INFORMATION**

Quantitative data on the ecological effect of this product is not available.

**Further 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 of as 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**

Complies with European Regulations (EC) No. 1907/2006 and No. 1272/2008.

Complies with European Council Directives 67/548/EEC and 1999/45/EC.

Complies with OSHA Regulation 29 CFR 1910.1200.

Complies with Canadian Regulation SOR/88-66

## **SECTION 16: OTHER INFORMATION**

### **Text of phrases under Section 3**

NA

### **Revision Information**

**Revision Date:** 2013-06-13

**Supersedes edition of:** 2012-06-01

**Reason for revision:** Regulation (EC) No. 1272/2008 Compliance

### **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.**