

**Safety Data Sheet**According to Regulation (EC) No. 1907/2006  
OSHA Regulation 29 CFR 1910.1200  
Canadian Regulation SOR/88-66**Revision Date:** 2009-06-10**Reason for Revision:** 29 CFR 1910.1200 and SOR/88-66 Compliance**SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY****Product Name:** HI 38078-0 SAR Reagent**Application:** SAR Reagent**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.

**SECTION 3: COMPOSITION AND COMPONENT INFORMATION**

Aqueous Solution

**SECTION 4: FIRST AID MEASURES****After Inhalation:** Remove to fresh air.**After Skin Contact:** Wash off with plenty of water.**After Eye Contact:** Rinse out with water.**After Swallowing:** wash out mouth thoroughly with Water and give plenty of water to drink. In severe cases obtain medical attention.**General Information:** Not available**SECTION 5: FIRE-FIGHTING MEASURES****Suitable Extinguishing Media:**

Water spray, foam, dry powder or carbon dioxide.

**Special Risks:**

NA

**Special Protective Equipment:**

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

**Additional Information:**

Non-combustible.

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

Do not inhale vapors. Avoid substance contact.

**Environmental Precautions:**

None.

**Additional Notes:**

None

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No further requirements.

**Storage:**

Tightly closed. Store at room temperature (+15 to +25 °C recommended). Protect from light and moisture.

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

Maintain general industrial hygiene practice.

**Personal Protective Equipment:**

As appropriate to quantity 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. Wash hands after working with substance.

**SECTION 9: PHYSICAL/CHEMICAL PROPERTIES****Appearance:** Liquid**Odor:** Odorless**Density at 20° C:** 1 g/cm<sup>3</sup>**Melting Point:** NA**Boiling Point:** NA**Solubility:** Soluble**pH at 20° C:** 4.5**Explosion Limit:** NA**Flash Point:** NA**Thermal Decomp.:** NA**SECTION 10: STABILITY AND REACTIVITY****Conditions to be Avoided:**

Strong heating.

**Hazardous Polymerization:**

Will not occur.

**Further Information:**

Not available

**Hazardous Decomposition Products:**

In the event of fire: see section 5.

**Substances to be Avoided:**

The generally known reaction partners of water.

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## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **Product Toxicity**

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

### **Potential Health Effects:**

- Inhalation:** Slight irritations.  
**Skin Contact:** Slight irritations.  
**Eye Contact:** Slight irritations.  
**Ingestion:** disturbed electrolyte balance, severe irritations in esophagus and stomach, bloody vomiting. After absorption in large amounts: drop in blood pressure, paralysis symptoms, agitation.  
**Further Data:** Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

### **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 are 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**

### **Labeling according to EC Directives:**

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

**S-phrases:** 24/25: Avoid contact with skin and eyes.

## **SECTION 16: OTHER INFORMATION**

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

NA

### **Revision Information**

**Revision Date:** 2009-06-10

**Supersedes edition of:** 2008-12-01

**Reason for revision:** 29 CFR 1910.1200 and SOR/88-66  
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.**