

# Safety Data Sheet

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

**Revision Date:** 2013-06-27

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

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

**Product Name:** HI 93737B-0 Silver Reagent B

**Additional Product Codes:** HI 93737B-0

**Application:** Determination of Silver 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.

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. Consult a doctor if feeling unwell.

**After Skin Contact:** Wash affected area with plenty of water. Remove contaminated clothing.

**After Eye Contact:** Rinse out immediately with plenty of water. If pain persists, summon medical advice.

**After Swallowing:** Drink plenty of water. Obtain medical attention if feeling unwell.

**General Information:** Not available

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

**Suitable Extinguishing Media:**

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

**Special Risks:**

Non-combustible. Development of hazardous combustion gases or vapors possible in the event of fire. The following may develop in event of fire: boron oxides, Sodium Oxides

**Special Protective Equipment:**

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

**Additional Information:**

Cool container with spray water from a safe distance. Contain escaping vapors with water. Prevent fire residues and contaminated fire fighting water from entering surface water or groundwater.

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

**Personal Precautions:**

Avoid formation of vapors/aerosols. Do not inhale vapors/aerosols.

**Environmental Precautions:**

Take up dry. Clean up affected area and dispose according to local regulation. Avoid generation of vapors/aerosols.

**Additional Notes:**

None

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

**Handling:**

No further requirements.

**Storage:**

Store at room temperature (+15 to +25 °C recommended).

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

**Engineering:**

Safety shower and eye wash.

**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:**

Wash thoroughly after handling.

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

<b>Appearance:</b>	Colorless liquid	<b>Odor:</b>	Odorless	<b>Density at 20°C:</b>	1.02 g/cm <sup>3</sup>
<b>Melting Point:</b>	NA	<b>Boiling Point:</b>	ND	<b>Solubility:</b>	Soluble
<b>pH at 20°C:</b>	9.3 -9.4	<b>Explosion Limit:</b>	NA	<b>Flash Point:</b>	NA
<b>Thermal Decomp.:</b>	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:**

Strong acids

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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, gastric pain, diarrhea, general feeling of sickness.

**Further Data:** No toxic effects are to be expected when the product is handled with the care usual 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:** 2013-06-27

**Supersedes edition of:** 2012-04-23

**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.**