



HI 3822-0  
Reagent Titrant Solution  
**Safety Data Sheet**

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

**Revision Date:** 2013-01-24  
**Reason for Revision:** Added Product Codes

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

**Product Name:** HI 3822-0 Reagent Titrant Solution  
**Application:** Determination of Sulfite 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.

**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 and soap.  
**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, Carbon Dioxide  
**Special Risks:** Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire: Iodine  
**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:** NA  
**Additional Notes:** None

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

No further requirements.

**Storage:**

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

**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.

**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:** 1.0 g/cm<sup>3</sup>

**Melting Point:** NA

**Boiling Point:** NA

**Solubility:** Soluble

**pH at 20°C:** 8.3

**Explosion Limit:** NA

**Flash Point:** NA

**Thermal Decomp.:** NA

**SECTION 10: STABILITY AND REACTIVITY****Conditions to be Avoided:**

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

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Product Toxicity**

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

**Potential Health Effects:**

- Inhalation:** Slight irritations.
- Skin Contact:** Possibility of slight irritations.
- Eye Contact:** Slight irritations.
- Ingestion:** Irritations of mucous membranes in the mouth, pharynx, esophagus and gastrointestinal tract.
- Further Data:** Further hazardous properties cannot be excluded. The product should be handled with the usual care 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 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**

**Labeling according to EC Directives:**

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

**SECTION 16: OTHER INFORMATION**

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

NA

**Revision Information**

**Revision Date:** 2013-01-24

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

**Reason for revision:** Added Product Codes

**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.**