

Revision Date: 2012-01-25
Reason for Revision: (1st edition)

SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name: HI 726-25 Nickel High Range Reagent

Application: Determination of Nickel 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

Irritating to eyes, respiratory system and skin.

According to Regulation (EC) No. 1272/2008:

Classification: Skin Irritation (Category 2)
 Eye Irritation (Category 2)
 Specific Target Organ Toxicity, Single Exposure (Category 3)

Signal Word: **Warning**

Pictograms:



Hazard Statements: H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H335: May cause respiratory irritation.

Precaution Statements: P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

According to Directives 67/548/EEC and 1999/45/EC:

Symbol: Xi: Irritant

R-phrases: 36/37/38: Irritating to eyes, respiratory system and skin.

S-phrases: 26-36: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

SECTION 3: COMPOSITION AND COMPONENT INFORMATION

Component:	EC No:	CAS No:	Hazard Class:	Phrases:	Concentration:
Ethylenediaminetetraacetic acid tetrasodium salt dihydrate	200-573-9	10378-23-1	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3 Xi	H315, H319, H335 R: 36/37/38	-

Safety Data SheetAccording to Regulation (EC) No. 1907/2006
OSHA Regulation 29 CFR 1910.1200
Canadian Regulation SOR/88-66**SECTION 4: FIRST AID MEASURES**

- After Inhalation:** Remove to fresh air. Give oxygen if breathing is difficult.
- After Skin Contact:** Wash affected area with soap and plenty of water. Remove contaminated clothing.
- After Eye Contact:** Rinse out immediately with plenty of water, for at least 15 minutes.
- After Swallowing:** Wash out mouth with plenty of water, if person is conscious. Obtain medical attention.
- 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:
Nitrogen Oxides, Carbon Monoxide
- Special Protective Equipment:**
Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.
- Additional Information:**
Prevent fire residues and contaminated fire fighting water from entering surface water or groundwater.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:**
Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
- Environmental Precautions:**
NA
- Additional Notes:**
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING AND STORAGE

- | | |
|---|--|
| Handling: | Storage: |
| Avoid generation of dusts. Accessible only for authorized persons | Tightly closed in a dry and well-ventilated place. |

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: | Protective Gloves: | Eye Protection: |
| Required when dusts are generated. | Rubber or plastic | Goggles or face mask |
- Industrial Hygiene:**
Change contaminated clothing. Wash hands after working with substance.

SECTION 9: PHYSICAL/CHEMICAL PROPERTIES

Appearance:	White powder	Odor:	Odorless	Density at 20°C:	ND
Melting Point:	ND	Boiling Point:	NA	Solubility:	0.1 g/mL clear
pH at 20°C:	11 @ 15 g/L	Explosion Limit:	NA	Flash Point:	NA
Thermal Decomp.:	NA				

SECTION 10: STABILITY AND REACTIVITY

Conditions to be Avoided:

Stable in the recommended storage conditions.

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 oxidizing agents, strong acids

SECTION 11: TOXICOLOGICAL INFORMATION

Product Toxicity

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

Potential Health Effects:

Inhalation: Irritation to the mucous membranes and upper respiratory tract. May be harmful if inhaled.

Skin Contact: Irritations. Absorption: may be harmful if absorbed through the skin.

Eye Contact: Irritations.

Ingestion: Harmful.

Further Data: 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.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Chemical residues are generally classified as special waste and thus covered by local regulations. Contact local authorities or disposal companies for advice. Handle contaminated packaging in the same way as the substance itself.

SECTION 14: TRANSPORTATION INFORMATION

Land:

Not subject to transport regulations.

Sea:

Not subject to transport regulations.

Air:

Not subject to transport regulations.

Safety Data Sheet

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

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***

R36/37/38: Irritating to eyes, respiratory system and skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

Revision Information

Revision Date: 2012-01-25

Supersedes edition of: 2010-12-01

Reason for revision: (1st edition)

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.**