

**Revision Date:** 2008-12-01

**Reason for Revision:** REACH Compliance and General Update

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

**Product Name:** Electrode Cleaning Solution for general Use

**Application:** Cleaning Solution for Electrodes

**Company Information (USA):**

**Additional Product Codes:** HI 7061L HI 7061M HI 7061/120ML  
HI 7061L-0 HI 7061M-0

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### **SECTION 2: HAZARD IDENTIFICATION**

Non-hazardous product as specified in Directives 67/548/EEC and 1999/45/EC.

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

**Component:** Aqueous Solution

**EC-No.:**

**CAS-No.:**

**Hazard:**

**Phrases:**

**Content:**

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

**After Inhalation:** Remove to fresh air.

**After Skin Contact:** Wash effected area 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:** Remove contaminated, soaked clothing immediately and dispose of safely.

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

**Suitable Extinguishing Media:**

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

**Special Risks:**

Non-combustible.

**Special Protective Equipment:**

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

**Additional Information:**

NA

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

### ***Personal Precautions:***

Avoid formation of dusts. Do not inhale dusts. Avoid substance contact.

### ***Environmental Precautions:***

Do not discharge into the drains/surface waters/groundwater.

### ***Additional Notes:***

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

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

### ***Handling:***

Cannot be stored indefinitely.

### ***Storage:***

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

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

### ***Ingredients:***

### ***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. 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:*** 1.7

***Explosion Limit:*** NA

***Flash Point:*** NA

***Thermal Decomp.:*** NA

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

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

Strong Heating (above boiling point).

### ***Hazardous Polymerization:***

Will not occur.

### ***Further Information:***

Not available

### ***Hazardous Decomposition Products:***

None

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

The generally known reaction partners of water

**SECTION 11: TOXICOLOGICAL INFORMATION**

No toxic effects are to be expected when the product is handled appropriately.

**In Case of Inhalation:**

**In Case of Skin Contact:**

**In Case of Eye Contact:**

**In Case of Ingestion:**

**Further Data:**

**SECTION 12: ECOLOGICAL INFORMATION**

No environmental hazard.

**Further Data:** Can be safely disposed off as an ordinary refuse.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Can be safely disposed of as an 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:**

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

**R-phrases:**

**S-phrases:**

**Contains:**

**SECTION 16: OTHER INFORMATION**

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

***Revision Information***

***Legend***

**Revision Date:** 2008-12-01

NA: Not Applicable

**Supersedes edition of:** 2008-01-17

ND: Not Determined

**Reason for revision:** REACH Compliance and General Update

**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.**