



PEWA  
Messtechnik GmbH

Weidenweg 21  
58239 Schwerte

Tel.: 02304-96109-0  
Fax: 02304-96109-88  
E-Mail: info@pewa.de  
Homepage : www.pewa.de

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**Reason for Revision:** (1st edition)

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

**Product Name:** Total Chlorine Certified Standard Cuvette - ZERO

**Application:** Certified Color Standard for Validation of HI 711 Colorimeters

**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**

Deionized Water

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

**After Inhalation:** None required  
**After Skin Contact:** None required  
**After Eye Contact:** None required  
**After Swallowing:** None required  
**General Information:** No special precautionary measures are necessary.

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

**Suitable Extinguishing Media:**  
Water spray, Carbon Dioxide, Dry Chemical Powder, Appropriate Foam

**Special Risks:**  
None

**Special Protective Equipment:**  
No special fire precautions are required.

**Additional Information:**  
NA

# Safety Data Sheet

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

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

**Personal Precautions:**

None

**Environmental Precautions:**

None

**Additional Notes:**

None

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

**Handling:**

No restrictions

**Storage:**

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

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

**Engineering:**

Maintain general industrial hygiene practice.

**Personal Protective Equipment:**

Not required

**Respiratory Protection:**

Not required

**Protective Gloves:**

Not required

**Eye Protection:**

Not required

**Industrial Hygiene:**

Not required

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

<b>Appearance:</b>	Colorless liquid	<b>Odor:</b>	Odorless	<b>Density at 20 °C:</b>	1.0 g/cm <sup>3</sup>
<b>Melting Point:</b>	0 °C	<b>Boiling Point:</b>	100 °C	<b>Solubility:</b>	Soluble
<b>pH at 20 °C:</b>	~ 7	<b>Explosion Limit:</b>	NA	<b>Flash Point:</b>	NA
<b>Thermal Decomp.:</b>	NA				

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

**Conditions to be Avoided:**

Heating

**Hazardous Polymerization:**

Will not occur.

**Further Information:**

Not available

**Hazardous Decomposition Products:**

None

**Substances to be Avoided:**

The generally known reaction partners of water

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**Product Toxicity**

Non-toxic.

**Potential Health Effects:**

**Inhalation:** Slight irritations.

**Eye Contact:** Slight irritations.

**Component Toxicity**

**Acute Toxicity:**

Not Available

**Chronic Toxicity:**

Not Available

**Additional Data:**

Not Available

**SECTION 12: ECOLOGICAL INFORMATION**

No environmental hazard.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Can be safely disposed of as ordinary refuse.

**SECTION 14: TRANSPORTATION INFORMATION**

**Land:**

ADR/RID: 9, II  
 UN-No.: 3316  
 Name : CHEMICAL KIT

**Sea:**

IMDG: class 9/UN 3316/PG II  
 Name: CHEMICAL KIT  
 Marine Pollutant: No  
 Severe Marine Pollutant: No

**Air:**

ICAO/IATA: 9/UN 3316/PG II  
 Name: CHEMICAL KIT

Transport data applies to the COMPLETE KIT!

**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:** 2011-01-19

**Supersedes edition of** (1st edition)

**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.**