



# Safety Data Sheet

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

**Revision Date:** 2009-06-10

**Reason for Revision:** 29 CFR 1910.1200 and SOR/88-66 Compliance

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

**Product Name:** Starch Indicator

**Additional Product Codes:** STARCH10

**Application:** Indicator Solution for Titration

**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.

**After Eye Contact:** Rinse out with water.

**After Swallowing:** Consult doctor 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.

**Special Protective Equipment:**

NA

**Additional Information:**

No special fire precautions are required.

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

**Personal Precautions:**

None

**Environmental Precautions:**

None

**Additional Notes:**

None

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

**Handling:**

No restrictions

**Storage:**

Keep container closed and protected from direct sunlight. Store at room temperature (+15°C to +25°C).

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

**Engineering:**

Maintain general industrial hygiene practice.

**Personal Protective Equipment:**

Not required

**Respiratory Protection:**

Required when vapors/aerosols are generated. Work under hood.

**Protective Gloves:**

Compatible chemical-resistant gloves

**Eye Protection:**

Goggles or face mask

**Industrial Hygiene:**

Wash hands after use.

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

**Appearance:** Clear to opaque liquid

**Odor:** Odorless

**Density at 20° C:** 1.004 g/cm<sup>3</sup>

**Melting Point:** ~ 0 °C

**Boiling Point:** ~ 100 °C

**Solubility:** Soluble

**pH at 20° C:** ~ 6.0

**Explosion Limit:** NA

**Flash Point:** NA

**Thermal Decomp.:** NA

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

**Conditions to be Avoided:**

Strong Heating (above boiling point). Stable in the recommended storage conditions.

**Hazardous Decomposition Products:**

In the event of fire: See section 5.

**Hazardous Polymerization:**

Will not occur.

**Substances to be Avoided:**

Strong oxidizing agents

**Further Information:**

Not available

## **SECTION 11: TOXICOLOGICAL INFORMATION**

**Product Toxicity**

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

**Potential Health Effects:**

**Skin Contact:** Slight irritations.

**Eye Contact:** Flush with water several times.

**Ingestion:** Slight irritations.

**Further Data:** No toxic effects are to be expected when the product is handled appropriately.

**Component Toxicity**

**Acute Toxicity:**

Not Available

**Chronic Toxicity:**

Not Available

**Additional Data:**

Not Available

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**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: 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**

**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:** 2009-06-10  
**Supersedes edition of:** 2008-12-01  
**Reason for revision:** 29 CFR 1910.1200 and SOR/88-66 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.**