

# Buffer Solution pH 7.01, ± 0.01 @ 25°C/77°F Safety Data Sheet

According to Regulation (EC) No. 1907/2006

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

Reason for Revision: REACH Compliance and General Update

<u>SECTION 1:</u> IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name: HI 70007 Buffer Solution pH 7.01

Additional Product Codes: HI 70007C

HI 70007P

Application: pH Buffer Solution HI 7007P/5

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.

**SECTION 3:** COMPOSITION AND COMPONENT INFORMATION

**Component:** Aqueous Buffer Solution

EC-No.:

CAS-No.:

Hazard:

Phrases:

Content:

#### <u>SECTION 4:</u> FIRST AID MEASURES

After Inhalation: Remove to fresh air. Call a physician if breathing becomes difficult.

After Skin Contact: Wash effected area with water and soap.

After Eye Contact: Rinse out with plenty of water for at least 15 minutes. If pain persists, summon medical advice.

After Swallowing: Wash out mouth with plenty of water, provided person is conscious. Obtain medical attention if feeling unwell.

General Information: Not available

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

#### Suitable Extinguishing Media:

Water Spray, Foam, Dry Powder, Carbon Dioxide

#### Special Risks:

Non-combustible. Development of hazardous combustion gases or vapors possible in the event of fire.

#### Special Protective Equipment:

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

#### Additional Information:

Contain escaping vapors with water.





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According to Regulation (EC) No. 1907/2006

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

None

**Environmental Precautions:** 

None

Additional Notes:

None

**SECTION 7:** HANDLING AND STORAGE

Handling: Storage:

No restrictions Keep container closed and protected from direct sunlight. Store at

room temperature (+15°C to +25°C).

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

Ingredients:

Engineering:

Maintain general industrial hygiene practice.

Personal Protective Equipment:

As appropriate to quantity handled.

Respiratory Protection: Protective Gloves: Eye Protection:

Required when vapors/aerosols are Rubber or plastic Goggles or face mask

generated.

Industrial Hygiene:

Change contaminated clothing. Wash hands after working with substance.

**SECTION 9:** PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless liquid Odor: Odorless Density at 20° C: 1.0 g/cm³ at 25°C

Melting Point:NABoiling Point:> 100 °CSolubility:SolublepH at 20° C:7.01 at 25°CExplosion Limit:NAFlash Point:NA

Thermal Decomp.: NA

SECTION 10: STABILITY AND REACTIVITY

Conditions to be Avoided: Hazardous Decomposition Products:

Heating In the event of fire: See section 5.

\*Hazardous Polymerization: Substances to be Avoided:

Will not occur. The generally known reaction partners of water

Further Information:

Not available

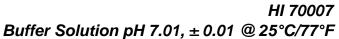




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SECTION 11: TOXIC	OLOGICAL INFORM	<b>NATION</b>	
Quantitative data on the toxicity of this product is not available.			
In Case of Inhalation:			
In Case of Skin Contact	<u></u>		
In Case of Eye Contact:			
In Case of Ingestion:			
Further Data:	Data: Hazardous properties cannot be excluded, but are relatively unlikely because of the low concentration of the dissolved substances, when the product is handled appropriately. The product should be handled with the usual care when dealing with chemicals.		
SECTION 12: ECOL	OGICAL INFORMAT	ION	
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: DISPO	SAL CONSIDERATI	ONS	
Waste Disposal: Can be	e safely disposed of as an	ordinary refuse.	
SECTION 14: TRAN	SPORTATION INFOI	RMATION	
Land:		Sea:	Air:
Not subject to transport	regulations	Not subject to transport regulations	Not subject to transport regulations
SECTION 15: REGU	LATORY INFORMAT	TION	
Labeling according to EC Directives:			
Symbol: Non-hazardous according to Directives 67/548/EEC and 1999/45/EC.			
R-phrases:			
S-phrases:			
Contains:			





## **Safety Data Sheet**

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**SECTION 16: OTHER INFORMATION** 

Text of R-phrases under Section 3 Revision Information Legend

Revision Date: 2008-12-01 NA: Not Applicable 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.