



Phenolphthalein Indicator
Phenolphthalein Indicator
Safety Data Sheet
According to Regulation (EC) No. 1907/2006

Revision Date: 2008-12-01
Reason for Revision: REACH Compliance and General Update

SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name: Phenolphthalein Indicator

Additional Product Codes: PHPHT10
PHPHT20

Application: Indicator Reagent for Titration Analysis

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

Flammable

SECTION 3: COMPOSITION AND COMPONENT INFORMATION

Component: Ethanolic 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. Remove contaminated clothing.

After Eye Contact: Rinse out with plenty of water for at least 10 minutes. Obtain medical attention.

After Swallowing: Immediately make victim drink plenty of water. Summon doctor.

General Information:

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water Spray Carbon Dioxide, Dry Chemical Powder, Appropriate Foam

Special Risks:

Specific Hazard(s): Flammable liquid. Emits toxic fumes under fire conditions. Explosion Hazards: Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions.

Special Protective Equipment:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Additional Information:

Use water spray to cool fire-exposed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Evacuate area. Shut off all sources of ignition. Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Environmental Precautions:

NA

Additional Notes:

Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors.
Ventilate area and wash spill site after material pickup is complete.

SECTION 7: HANDLING AND STORAGE**Handling:**

Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure

Storage:

Tightly closed. In a well ventilated place. Keep away from sources of ignition and heat. Store at room temperature (+15 to +25 °C recommended).

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

Safety shower and eye wash. Use non sparking tools. Mechanical exhaust required.

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:

Wash thoroughly after handling. Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless liquid

Odor: Alcohol-like odor

Density at 20° C: 0.94 g/cm³

Melting Point: ND

Boiling Point: ND

Solubility: Soluble

pH at 20° C: 7

Explosion Limit: Lower not available
Upper not available

Flash Point: ND

Thermal Decomp.: NA

SECTION 10: STABILITY AND REACTIVITY**Conditions to be Avoided:**

Heating

Hazardous Polymerization:

Will not occur.

Further Information:

Flammable. Explosive with air in a vaporous/gaseous state.

Hazardous Decomposition Products:

Carbon monoxide, Carbon dioxide.

Substances to be Avoided:

No information available

SECTION 11: TOXICOLOGICAL INFORMATION

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

In Case of Inhalation: Mucous membranes and upper respiratory tract irritations.

In Case of Skin Contact: After long-term exposure to the chemical: dermatitis.

In Case of Eye Contact: Irritations.

In Case of Ingestion: Nausea, vomiting, diarrhea. After absorption of large amounts: salivation dizziness, inebriation, narcosis, respiratory paralysis.

Further Data: Systemic effects: euphoria. The product should be handled with the usual care when dealing with chemicals.

SECTION 12: ECOLOGICAL INFORMATION

No ecological problems are to be expected when the product is handled and used with due care and attention.

Further Data:

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:

ADR/RID: 9/UN 3316/PGIII
Name : CHEMICAL KIT

Sea:

IMDG: 9/UN 3316/PGIII
Name: CHEMICAL KIT
Marine pollutant: no

Air:

ICAO/IATA: 9/UN 3316/PGIII
Name: CHEMICAL KIT

Transport data applies to the COMPLETE KIT!

SECTION 15: REGULATORY INFORMATION

Labeling according to EC Directives:

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

R-phrases: 10: Flammable.

S-phrases: 7-16: Keep container tightly closed. Keep away from sources of ignition - No smoking.

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: 2008-01-03

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.