

# Material Safety Data Sheet

## 1. PRODUCT IDENTIFICATION: PH 7.00 REFERENCE BUFFER (COLORED)

Catalog Numbers - HF scientific: 10002 10005 10222  
 Siemens: U29120

PRODUCT USE: Analytical / Laboratory Reagent

NFPA RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

## 2. HAZARDS IDENTIFICATION

TARGET ORGANS: Eyes, Skin, Ingestion  
 ACUTE TOXICITY: Not Expected to be a Health Hazard from Eye, Skin, or Ingestion Exposure. May Cause Mild Irritation or Redness to Eyes or Skin. Large Oral Doses May Cause Irritation to the Gastrointestinal Tract.  
 CHRONIC TOXICITY: Not Expected to be a Health Hazard from Eye, Skin, or Ingestion Exposure.  
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No Information Found

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	Potassium Hydrogen Phthalate	Percent
CAS No.	877-24-7	<1
Component	Sodium Hydroxide	
CAS No.	1310-73-2	<0.2
Component	FD & C Yellow No. 5	
CAS No.	NA	<0.1
Component	Preservative	
CAS No.	NA	<0.1
Component	Deionized Water	
CAS No.	7732-18-5	>98

## 4. FIRST AID MEASURES

EYE CONTACT: Not Expected to Require First Aid Measures. Wash Thoroughly with Running Water. Get Medical Advice if Irritation Develops.  
 SKIN CONTACT: Not Expected to Require First Aid Measures. Wash Exposed Area with Soap and Water. Get Medical Advice if Irritation Develops.  
 INHALATION: Not Expected to Require First Aid Measures. Remove to Fresh Air. Get Medical Attention for any Breathing Difficulty.  
 INGESTION: Not Expected to Require First Aid Measures. If Large Amounts Were Swallowed, Give Water and Get Medical Advice.

## 5. FIRE FIGHTING MEASURES

FLASH POINT: NA AUTOIGNITION POINT: NA  
 FLAMMABILITY LIMITS: UPPER: NA LOWER: NA  
 EXTINGUISHING MEDIA: Use Any Means Suitable for Extinguishing Surrounding Fire.

## 6. ACCIDENTAL RELEASE MEASURES

Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Collect Liquid in an Appropriate Container or Absorb with an Inert Material and Place in a Chemical Waste Container for Pickup.

## 7. HANDLING AND STORAGE

HANDLING: Wear Proper PPE as Specified in Section 8  
 STORAGE: Keep in a Tightly Closed Container. Store in a Cool, Dry, Ventilated Area. Protect Against Physical Damage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: None Established  
 PERSONAL PROTECTION: Utilize Personal Protective Equipment such as Safety Glasses, Latex or Nitrile Gloves, and Lab Coat.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid  
 APPEARANCE: Yellow Liquid  
 ODOR: Odorless  
 SOLUBILITY: Soluble in Water  
 SPECIFIC GRAVITY: 1.0  
 Ph: 7.0  
 BOILING POINT: 100°C (212 °F)

## 10. STABILITY AND REACTIVITY

Stable Under Normal Conditions of Handling and Storage. Hazardous Polymerization Will Not Occur.

## 11. TOXICOLOGICAL INFORMATION

Route of Exposure: Eyes, Skin, Ingestion  
 Teratogen Status: None Found  
 Mutagen Status: None Found  
 Reproductive Toxicity: None Found  
 Carcinogen Status: None Found

## 12. ECOLOGICAL INFORMATION

No Ecological Information Found

## 13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with Federal, State and Local Regulations.

## 14. TRANSPORT INFORMATION

Not Regulated

## 15. REGULATORY INFORMATION

US / CANADA INFORMATION:

SARA/Title III: None Listed  
 Cal. Proposition 65: None Listed  
 US TSCA Inventory: Listed

## 16. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.