

MATERIAL SAFETY DATA SHEET

Buffer Solution, pH 7 (Yellow)

SECTION 1 . Product and Company Identification

Product Name and Buffer Solution, pH 7 (Yellow)

Product Code: 147-30

Material Uses: OFI Testing Equipment Inc. Health: 1
Flammability: 0

Manufacturer: 11302 Steeplecrest Dr. Reactivity: 0

Houston, TX 77065

(877) 837-8683

Entry Date : 7/15/2013

Print Date: 7/15/2013

24 Hour Emergency Assistance : INFOTRAC USA - CANADA: 1-800-535-5053
INTERNATIONAL: 1-352-323-3500

Hazard Rating:
Least Slight Moderate High
Extreme
0 1 2 3 4
NA=Not Applicable NE=Not
Established

SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
	Inhibitor (Non-mercury)	CAS# 52-51-7	<0.05	W/W	
	Potassium Phosphate Monobasic	CAS# 7778-77-0	0.68%	W/V	None Established
	Sodium Hydroxide	CAS# 1310-73-2	0.01%	W/V	OSHA PEL 2 mg/mf ACGIH 2mg/mf
	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

SECTION 4 FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of water. Vomiting may occur, but it is not necessary to induce.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

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Fire / Explosion Hazards: None
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Flush excess down drain.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required
Ventilation: Local
Mechanical
Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl
Eye Protection: Splash Goggles
Other Protective Equipment: Use safe laboratory handling procedures.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	~0°C	Percent Volatile by Evaporation Rate	>98
Boiling Point:	~100°C		Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	Clear, yellow, odorless liquid	Upper Flamm. Limit in Air	Not applicable
Flash Point:	Not flammable		
Specific Gravity:	~1		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: High temperatures
Materials to Avoid: Concentrated Acids and Bases, Water reactive materials.
Hazardous Decomposition: None known
Products:
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 11

Toxicological Information

