

MATERIAL SAFETY DATA SHEET

HF scientific, inc
3170 Metro Parkway
Fort Myers, Florida 33916-7597
(239)337-2116
Mon-Fri 8:00 am - 4:30 pm

24 Hour Emergency
Telephone Number
CHEMTREC
1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME: pH 7.00 REFERENCE BUFFER (COLORED)

CATALOG NUMBER: 10002, 10005, 10222

CHEMICAL FAMILY: pH BUFFER

SYNONYMS: NONE

Formula: POTASSIUM HYDROGEN PHTHALATE, SODIUM HYDROXIDE, PERSERVATIVE, DYE.

SECTION 2 HAZARDOUS INGREDIENTS

NONE OVER 1%

SECTION 3 PHYSICAL DATA

Boiling Point: Approx. 212°F (100°C)

Solubility In Water: Totally miscible

Vapor Pressure (mm Hg): N/A

Melting Point: Approx. 32°F (0°C)

Appearance And Odor: Yellow liquid

Vapor Density (AIR=1): N/A

Specific Gravity: Approx. 1

Percent Volatile By Volume: Similar to water.

Evaporation Rate: Similar to water.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not flammable.

Flammable Limits: None

LEL: UEL:

Extinguishing Media: Use media appropriate to cause of fire.

Fire Fighting Procedures: N/A

Unusual Fire and Explosive Hazards: None

SECTION 5 HEALTH HAZARD DATA

Route(s) Of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic):

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Not Listed

Signs And Symptoms Of Exposure: N/A

EMERGENCY FIRST AID PROCEDURES:

Eyes: Immediately flush eyes gently with copious quantities of water for a minimum of 15 minutes. Use fingers to assure that eyelids are separated and that eye is being irrigated. Call a physician.

Skin: Remove contaminated clothing. Flush contaminated area with copious quantities of water for 15 minutes. Call a physician.

Ingestion: Do not induce vomiting. Seek medical attention promptly. If vomiting occurs, take steps to avoid aspiration of vomited material into the respiratory tract. To prevent choking, position body so that material is freely ejected. Give milk, water containing milk of magnesia or olive oil.

Inhalation: Move patient immediately to uncontaminated atmosphere.

Except in minor cases of exposure without symptoms, seek medical advise promptly.

SECTION 6 REACTIVITY DATA

Stability: Stable

Conditions To Avoid: None found

Incompatibilities: N/A

Hazardous Decomposition Products: None found

Hazardous Polymerization: Will not occur.

SECTION 7 SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb with paper. Wash area with water.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations or contact an approved with licensed disposal agency.

Precautions To Be Taken In Handling & Storage: Use normal safe chemical handling procedures.

Other Precautions: None

SECTION 8 CONTROL MEASURES

Respiratory Protection: None required.

Ventilation Systems: General mechanical ventilation satisfactory for normal use.

Skin Protection: Rubber gloves, lab coat.

Eye Protection: Safety glasses

Other Protective Equipment: Maintain eye wash fountain and quick-drench facilities in work area.

Work/Hygienic Practices: Wash well after handling. Avoid breathing vapors

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