

FLINN SCIENTIFIC, INC.

Material Safety Data Sheet (MSDS)

MSDS #: 145.00

Revision Date: June 3, 1996

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Buffer Solution pH 4.00

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261
CHEMTREC Emergency Phone Number: (800) 424-9300

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Hydrochloric Acid (7647-01-0) <0.5%, Potassium Acid Phthalate (877-24-7) <1.5%, and Water (7732-18-5) >98%.

CAS#: None Established

SECTION 3 — HAZARDS IDENTIFICATION

Red, colored liquid.
Mildly irritating to skin, eyes and mucous membranes.

FLINN AT-A-GLANCE

Health-0
Flammability-0
Reactivity-0
Exposure-1
Storage-0

0 is low hazard, 3 is high hazard

SECTION 4 — FIRST AID MEASURES

Call a physician, seek medical attention for further treatment, observation and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.
Eye: Immediately flush with fresh water for 15 minutes.
External: Wash continuously with fresh water for 15 minutes.
Internal: Give large quantities of water. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Non flammable, non combustible liquid.

NFPA CODE

None
Established

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area and ventilate area. Contain spill with sand or absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Inorganic Miscellaneous. Store with other buffers.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

FLINN SCIENTIFIC, INC.**Material Safety Data Sheet Buffer Solution pH 4.00****MSDS #: 145.00****Revision Date: June 3, 1996****SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Red, colored liquid.
Specific Gravity: 1.0

SECTION 10 — STABILITY AND REACTIVITY

Avoid heat.
Shelf life: Fair.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Mild irritant	ORL-RAT LD50: N.A.
Chronic effects: N.A.	IHL-RAT LC50: N.A.
Target organs: N.A.	SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please consult with state and local regulations.
Flinn Suggested Disposal Method #26b is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping Name: Not regulated
Hazard Class: N/A
UN Number: N/A
N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

Not listed.

SECTION 16 — OTHER INFORMATION

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**Consult your copy of the Flinn Chemical Catalog/Reference Manual
for additional information about laboratory chemicals**