

**MSDS
MATERIAL SAFETY DATA
SHEET**

ENVIRO TECH CHEMICAL SERVICES, INC.
500 WINMOORE WAY • MODESTO CA 95358

24-HOUR EMERGENCY TRANSPORTATION RESPONSE
NUMBER 800-424-9300

PRODUCT NAME: **HYPOBROMOUS ACID TEST KIT SOLUTIONS "A", "C" & "D"**
LABEL COLOR: N/A
CHEMICAL FAMILY: Test Reagents

NFPA 704 DESIGNATION
HEALTH 1
FIRE 0
REACTIVITY 0
PPE N/A

SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES

CAS # Not Considered Hazardous Ingredients
CHEMICAL NAME
% By Wt
OSHA/PEL
ACGIH/TLV
OTHER

SECTION II-PHYSICAL DATA

Boiling Point: IBP 212° F Vapor Pressure: N/A
Vapor Density (Air=1): N/A Solubility in Water (% by Wt.): Complete
% Volatiles by Volume: N/A Evaporation Rate: N/A
Specific Gravity: N/A pH of Concentrate: N/A
Appearance and Odor: Clear to yellow solutions

SECTION III-FIRE AND EXPLOSION DATA

Flash Point: N/A
Hazardous Polymerization: Will Occur Will Not Occur
Flammable Limits: N/A
Lower Explosive Limits: N/A
Upper Explosive Limits: N/A
Extinguishing Media: Water spray, carbon dioxide, foam or dry chemical.
Special Firefighting Procedures: None.
Unusual Fire and Explosion Hazards: None known.
Conditions to Avoid: N/A

SECTION IV-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A
EFFECTS OF OVEREXPOSURE: May cause minor skin or eye irritation.

EMERGENCY AND FIRST AID PROCEDURE:

SKIN: Wash affected area thoroughly with soap and water. Remove any contaminated clothing and laundry before reuse.
EYES: Flush eyes with copious amounts of water, making sure eye lids are kept open. Seek medical attention if irritation persists.
INGESTION: Have victim drink several glasses of water or milk. Do not force an unconscious person to drink anything by mouth. DO NOT INDUCE VOMITING. Contact a physician or poison control center.
INHALATION: Not a respiratory irritant.

SECTION V-REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: None known. Stable at room temperatures.
INCOMPATIBILITY: Avoid strong reducing agents when using or storing this product.
HAZARDOUS DECOMPOSITION: None known.

SECTION VI-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills (less than 1 gallon) may be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal.
WASTE DISPOSAL METHOD: Dispose with in accordance with all federal, state, and local regulations. Do not release the concentrated or diluted product directly into storm drains, or undedicated surface or groundwater supplies. This product is environmentally biodegradable under all conditions associated with normal use.

SECTION VII-PROTECTIVE EQUIPMENT

VENTILATION: Forced air, local exhaust, or open air is adequate.
PERSONAL PROTECTIVE EQUIPMENT: As with all chemicals, wear at least chemical resistant gloves and eye protection when handling, moving or using this product.
WORK/HYGENIC PRACTICES: No unusual precautions are necessary.

SECTION VIII-REGULATORY INFORMATION

See Section II. DOT: Non-Regulated Material.

SECTION IX-STORAGE AND HANDLING

Keep product in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame.

SECTION X-GENERAL PRECAUTIONS

DO NOT REUSE CONTAINER. Wash thoroughly after handling. For laboratory or commercial use only. Keep away from children and animals.

Rev. 3-15-10

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24-HOUR EMERGENCY TRANSPORTATION RESPONSE
NUMBER 800-424-9300

PRODUCT NAME: **HYPOBROMOUS ACID TEST KIT SOLUTION "B"**
LABEL COLOR: N/A
CHEMICAL FAMILY: Test Reagents

NFPA 704 DESIGNATION
HEALTH 2
FIRE 0
REACTIVITY 0
PPE N/A

SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES

CAS # 7664-38-2
CHEMICAL NAME Phosphoric acid
% By Wt 50-70%
OSHA/PEL 1 mg/m3
ACGIH/TLV 3 mg/m3 (STEL)
OTHER

SECTION II-PHYSICAL DATA

Boiling Point: IBP 218° F Vapor Pressure: N/A
Vapor Density (Air=1): N/A Solubility in Water (% by Wt.): Complete
% Volatiles by Volume: N/A Evaporation Rate: N/A
Specific Gravity: N/A pH of Concentrate: N/A
Appearance and Odor: Clear solution

SECTION III-FIRE AND EXPLOSION DATA

Flash Point: N/A
Hazardous Polymerization: Will Occur Will Not Occur
Flammable Limits: N/A
Lower Explosive Limits: N/A
Upper Explosive Limits: N/A
Extinguishing Media: Water spray, carbon dioxide, foam or dry chemical.
Special Firefighting Procedures: None.
Unusual Fire and Explosion Hazards: None known.
Conditions to Avoid: N/A

SECTION IV-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A
EFFECTS OF OVEREXPOSURE: May cause skin or eye irritation.

EMERGENCY AND FIRST AID PROCEDURES:

SKIN: Wash affected area thoroughly with soap and water. Remove any contaminated clothing and laundry before reuse.
EYES: Flush eyes with copious amounts of water, making sure eye lids are kept open. Seek medical attention if irritation persists.
INGESTION: Have victim drink several glasses of water or milk. Do not force an unconscious person to drink anything by mouth. DO NOT INDUCE VOMITING. Contact a physician or poison control center.
INHALATION: Not a respiratory irritant.

SECTION V-REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: None known. Stable at room temperatures.
INCOMPATIBILITY: Avoid chlorine and strong reducing agents when using or storing this product.
HAZARDOUS DECOMPOSITION: None known.

SECTION VI-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills (less than 1 gallon) may be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal.
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WORK/HYGENIC PRACTICES: No unusual precautions are necessary.

SECTION VIII-REGULATORY INFORMATION

See Section II.

SECTION IX-STORAGE AND HANDLING

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SECTION X-GENERAL PRECAUTIONS

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