



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LeadCheck® Swabs

Product Numbers: PB-Swabs, PB-2B2, PB-2CM2, PB-2M4I, PB-2M8, PB-2M8I, PB-2M16, PB-2M16I, PB-2M48, PB-2M96, PB-2M24CB, PB-2M48CB

General Use: Field test for lead (Pb)

Product Description: LeadCheck® Swabs have the size and shape of cigarettes. A white fiber tip is sealed into one end of the white tube. Inside the tube are two crushable ampules, (A) containing dry chemicals and (B) containing aqueous chemicals.

MANUFACTURER:

Hybrivet Systems, Inc.

17 Erie Drive

Natick, MA 01760

800-262-5323 Information Hotline; M-F, 8:30 am to 5:00 pm ET

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>KNOWN HAZARD</u>	<u>WT%</u>	<u>CAS Registry #</u>
Ampule A chromogen suspending powder	unknown irritant (dust)	5-7% balance	proprietary proprietary
Ampule B pH buffer water	unknown	3-5% balance	87-69-4 / 6106-24-7 7732-18-5

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Each **LeadCheck® Swab** contains two crushable ampules. The dry chemicals in (A) may cause irritation to the eyes on contact or respiratory tract if inhaled. The aqueous chemicals in (B) are at pH 3 and may cause mild irritation to the eyes or skin on contact. When the chemicals from both ampules are mixed, the solution is orangish yellow and may cause eye or skin irritation on contact, and respiratory irritation if inhaled.

HMIS Rating: Health: 0 Flammability: 0 Reactivity: 0
NFPA Rating: Health: 0 Flammability: 0 Reactivity: 0

POTENTIAL HEALTH EFFECTS:

Acute exposure:

In addition to those noted in the emergency overview, ingestion of any of the contents of the ampules or the mixture may cause irritation of the mouth and throat. Dry chemicals and mixture may cause temporary staining on contact.

Chronic exposure: Undetermined

4. FIRST AID MEASURES

INHALATION: Move to fresh air. Monitor breathing.
EYE CONTACT: Immediately, gently flush eye with plenty of water for at least 15 minutes.
SKIN CONTACT: Wash skin with soap and water.
INGESTION: If person is conscious, immediately rinse out mouth several times with water. Contact poison control center or medical professional. In the unlikely event that the liquid contents of multiple Swabs are ingested, temporary trembling and depression of blood pressure may result due to the sodium azide preservative.

NOTE: Wash contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Flashpoint and method:	not tested.
Flammable properties:	cardboard and plastic will burn
Auto-ignition Temperature:	not available
Unusual fire or explosion hazards:	none
Extinguishing media:	as appropriate for cardboard, plastic, and surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

Observe all environmental and disposal regulations. Wear suitable protective equipment including eye, hand, and foot protection.

LeadCheck® Swabs will release chemicals only if the ampules have been broken. Soak up any released liquid with absorbent material. Slowly sweep or vacuum to avoid raising dust. Place in a suitable container for disposal. Ventilate area and wash spill site with water after material pick up is complete.

7. HANDLING AND STORAGE

Storage temperature:	Ambient. If exposed to freezing temperatures, allow to thaw before using.
Storage pressure:	Atmospheric
General:	Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling or wear protective gloves. Keep kits tightly closed and store in a cool dry place. LeadCheck Swabs® have a child-resistant design. Keep out of the reach of children due to the potential choking hazard of the small size.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Wear protective gloves or wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

ampule A

vapor Pressure:	not available
appearance:	gray powder
odor:	none
evaporation rate:	not available
pH:	not available
viscosity:	not applicable
freezing Point:	not applicable

ampule B

vapor Pressure:	not available
appearance:	colorless
odor:	none
evaporation rate:	not available
pH:	3
viscosity:	1.0
freezing point:	32°F (0°C)

10. STABILITY AND REACTIVITY

Chemical stability:	all substances stable
Hazardous polymerization:	none
Incompatible materials and conditions to avoid:	Strong oxidizers, bases, reducing agents
Hazardous decomposition products:	carbon monoxide and carbon dioxide can form during combustion

11. TOXICOLOGICAL INFORMATION

Oral toxicity –sodium azide EPA IRIS RfD 3.57 mg/kg/day. See also Section 4. First Aid Measures
Inhalation standards – sodium azide ACGIH 0.29 mg/m³ threshold limit value
Skin – sodium azide NIOSH recommendation 0.3 ppm ceiling limit.
Carcinogenicity – sodium azide ACGIH A4 not classifiable

12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of LeadCheck® Swabs on the environment.

13. DISPOSAL CONSIDERATIONS

Dispose in compliance with federal, state, and local regulations.
Individual LeadCheck® Swabs may be disposed of as non-hazardous waste.
Dispose of materials used in cleanup of tested items and used LeadCheck® Swabs out of the reach of children and pets.

14. TRANSPORT INFORMATION

LeadCheck® Swabs are stable for shipping by air transport

US DOT:	Not regulated as hazardous goods
Proper shipping name:	LeadCheck® Swabs
Hazard class:	not applicable
Identification number:	not applicable

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act):

All substances listed on the TSCA Inventory.
No substances subject to 12(b) export notification

CERCLA (Comprehensive Response Compensation, and Liability Act):

Ampule B contains a trace amount of sodium azide (42 ug, CASRN 26628-22-8) as a preservative. The CERCLA RQ for sodium azide is 1000 lbs and the RCRA code is P105. Contact local authorities for local reporting requirements.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

Ampule B contains a trace amount of sodium azide (42 ug, CASRN 26628-22-8) as a preservative
302 Threshold Planning Quantity= 500 lbs for sodium azide
304 Reportable Quantity= 1000 lbs for sodium azide
311/312 Hazard Categories: no hazard category
313 Reportable Ingredients: sodium azide (42 ug, CASRN 26628-22-8) as a preservative.

CALIFORNIA PROPOSITION 65:

Contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

16. OTHER INFORMATION

This MSDS is provided without charge. The information contained is believed to be accurate at the time of preparation of this document. It does not purport to be all-inclusive and shall only be used as a guide. It may not be valid for these materials if used in combination with other materials or processes. Adverse health effects have not been fully investigated for the substances or mixture. The information should not be construed as a guarantee of specific properties or suitability for specific applications. Hybrivet Systems, Inc. shall not be held liable for damage, illness, or injury resulting from accidental or intended misuse, abuse, mishandling, or unconventional exposure with LeadCheck® Swabs or its components.

©2009 HYBRIVET SYSTEMS, INC.