

MATERIAL SAFETY DATA SHEET

Date-Issued : 01/17/2006
MSDS Ref. No : 2515-N
Date-Revised : 01/18/2006
Revision No : New MSDS

Lead Check Swabs**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Lead Check Swabs
PRODUCT DESCRIPTION: Field test swabs for lead ion
PRODUCT CODE: 2515-N

MANUFACTURER

Techspray, L.P.
1001 N.W. 1st Street
P.O. Box 949
Amarillo, TX 79107
Contact: Chemtrec
Product Stewardship: 1-800-858-4043

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation): (800) 424 - 9300
CANUTEC (Canadian Transportation): (613) 996 - 6666
Emergency Phone: (800) 858 - 4043

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Content</u>	<u>CAS</u>	<u>EINECS</u>
Inert Filler (Trade Secret)	< 1		
Tartaric acid	< 1	87-69-4	201-766-0
Sodium tartrate	< 1	6106-24-7	212-773-3
Lead Reactive Dye (Trade Secret)	< 1		

EEC LABEL SYMBOL AND CLASSIFICATION

R36/37/38 - Irritating to eyes, respiratory system and skin.

EEC Irritant - "Xi"

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

PHYSICAL APPEARANCE: Two-ampoule swab. One ampoule is reactive dye and inert filler. Other ampoule is tartrate wetting solution.

IMMEDIATE CONCERNS: May cause skin/eye irritation. May be harmful if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: Avoid contact with eyes; may cause redness, irritation and conjunctivitis.

SKIN: Prolonged or repeated contact may cause skin irritation. Absorption through intact skin is possible.

SKIN ABSORPTION: May be absorbed through the skin in harmful amounts.

INGESTION: Substance may be harmful if swallowed.

INHALATION: High gas, vapor, mist or dust concentrations may be harmful if inhaled.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Symptoms of overexposure include: stinging, tearing, redness and pain.

SKIN: Prolonged or exposure may cause skin irritation.

INGESTION: Not yet Determined

INHALATION: Inhalation of mist can cause irritation and damage to the upper respiratory tract and lungs. Effects will vary, depending on the severity of the exposure, from mild irritation of nasal membranes to severe pneumonitis.

CHRONIC: May be harmful under chronic exposure.

CARCINOGENICITY: NOT listed

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: None

EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes and oxides of carbon.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb the liquid and scrub the area with detergent and water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not flush to sewer.

LARGE SPILL: Clean up spills immediately, observing precautions in Protective Equipment section.

GENERAL PROCEDURES: Vacuum or sweep up material and place in a disposal container.

RELEASE NOTES: Spills and releases may have to be reported to Federal and/or local authorities.

SPECIAL PROTECTIVE EQUIPMENT: Only personnel equipped with proper respiratory and skin/eye protection should be permitted in area. See Section 8 for details.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Wash thoroughly after handling. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Store in a cool dry place.

STORAGE PRESSURE: Store at local atmospheric pressure.

STORAGE TEMPERATURE: Store in adequate storage area at ambient temp.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Chemical Name	OSHA PEL		EXPOSURE LIMITS			
			ACGIH TLV		Supplier OEL	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Tartaric acid	TWA ⁽¹⁾					
OSHA TABLE COMMENTS:						

20-4385

1. NOT listed

ENGINEERING CONTROLS: Mechanical ventilation recommended.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: Gloves of the following materials may provide protection against permeation:
Viton, solvex, Buna, Butyl, and Neoprene.

RESPIRATORY: Not Established

WORK HYGIENIC PRACTICES: Wash hands before eating and wash before reuse.

OTHER USE PRECAUTIONS: Emergency shower and eyewash facility should be in close proximity.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Ampoule with solid material in one end and liquid material in the other.

ODOR: None

pH: 2.9 Tartrate buffer

VAPOR PRESSURE: Not Applicable

MELTING POINT: > 300°C

SPECIFIC GRAVITY: 3.97

COMMENTS:

FREEZING POINT: Reactive dye and inert filler

SPECIFIC GRAVITY: Inert filler

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon (CO and CO₂) may form when heated to decomposition.

INCOMPATIBLE MATERIALS: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

INGREDIENT(S)

Tartaric acid

ORAL LD₅₀ (rat) DERMAL LD₅₀ (rabbit) INHALATION LC₅₀ (rat)

5000 - mg/kg

GENERAL COMMENTS: No data available. Contact Env. Dept.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Nonhazardous

ROAD AND RAIL (ADR/RID):

PROPER SHIPPING NAME: Nonhazardous

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Nonhazardous

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Nonhazardous

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: NOT listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All chemicals in this product are listed in the TSCA inventory.

OSHA HAZARD COMM. RULE: Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CLEAN AIR ACT

40 CFR PART 68—RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: NOT listed

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910.119—PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: None of the chemicals in this product are considered highly hazardous by OSHA.

EUROPEAN COMMUNITY**EEC LABEL SYMBOL AND CLASSIFICATION**

R36/37/38 - Irritating to eyes, respiratory system and skin.

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CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer.

16. OTHER INFORMATION

APPROVED BY: Pierce A. Pillon TITLE: Chemist

REVISION SUMMARY New MSDS

DATA SOURCES: Code of Federal Regulations (CFR) The Sigma-Aldrich Library of Regulatory and Safety Data OSHA Hazard Communication Standard (29CFR1910.1200) Various Federal, State and Local Regulations

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