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MATERIAL SAFETY DATA SHEET

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MSDS No.:
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SECTION I NAME		24 HOUR EMERGENCY ASSISTANCE		
Product	Potassium Iodide Search Test Paper	 CHEMTREC 800-424-9300 Day 888-228-6177 NFPA HAZARD RATING HEALTH 0 IRRITANT 1 HARMFUL 2 DANGEROUS 3 EXTREMELY DANGEROUS 4 HMIS HEALTH 1 IRRITANT 2 DANGEROUS 3 EXTREMELY DANGEROUS 4	Health	1
Critical Incidents	N/A		Fire	0
Formula	N/A		Reactivity	0
Unit Size	10A			
C.A.S. No.	N/A			

SECTION I INGREDIENTS OF MIXTURES		
Principal Component(s)	%	TLV Units
Potassium Iodide; CAS No. 7681-11-0	0.1%	None established.

SECTION II PHYSICAL DATA			
Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	N/A
Boiling Point (°F)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (1 =)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	N/A		
Appearance & Color	Paper, no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA					
Flash Point (Method Used)	454°F (235°C) (paper)	Flammable Limits in Air (% by Volume)	N/A	Lower	Upper
Extinguisher Media	Use any media suitable for extinguishing supporting fire.				

SPECIAL FIREFIGHTING PROCEDURES

If involved in fire situation, wear a NIOSH/MSHA-approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

N.O.T. - NON-REGULATED.
 Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA	
Threshold Limited Value	Note established by ACGIH 2001. Toxicity data: (as KI) Acute Oral-LD50: >1800 mg/kg.
Effects of Overexposure	No specific hazard known. To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards. Target organs: Thyroid.

Emergency and First Aid Procedures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **IRRITATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA			
Stability	Unstable		
	Stable	X	Excessive temperature.
Incompatibility (Materials to Avoid)		Alkalies, acids, oxidizers.	
Hazardous Decomposition Products		May produce toxic fumes of iodine, potassium monoxide and hydrogen iodide.	
Hazardous Polymerization		Conditions to Avoid	
May Occur	Will Not Occur	Not applicable.	
	X		

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Collect strips for re-use or place in a suitable container for disposal.

Waste Disposal Method: Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog size quantities only.

Dispose of in an approved landfill or incinerator.

SECTION VIII SPECIAL PROTECTION INFORMATION			
Respirator Protection (Specify type)	None needed in normal laboratory handling.		
Ventilation	Local Exhaust	No.	Special
	Mechanical Exhaust	No.	Other
Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
Other Protective Equipment	N/A		

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storage

Store in a cool, dry place. Wash thoroughly after handling.

Other Precautions

Read label on container before using. Do not use contact lenses when working with chemicals. For laboratory use only. Handle drug form on hospital use. Keep out of reach of children.

Wash thoroughly after handling.

Revision No. 2 | Date 04/03/08 | Approved James A. Braden | Chemical Safety Information JAB

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