



MATERIAL SAFETY DATA SHEET

Precision Laboratories, Inc.
 416 Airport Drive • Voice: 228-649-9833
 Cottonwood, AZ 86325 • Fax: 228-649-2306
 Toll-free 1-800-733-0288

MSDS No.:
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SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Potassium Iodide Starch Test Paper	 CHEMTREC 800-424-9300 Day 585-228-6177 NFPA HAZARD RATING HEALTH SLIGHT MODERATE SERIOUS SEVERE 0 1 2 3 4 HMS	Health	1
Chemical Synonyms	N/A		Fires	0
Formula	N/A		Reactivity	0
Unit Size	N/A			
C.A.S. No.	N/A			

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Potassium Iodide: CAS No. 7681-11-0	0.1%	None established.

SECTION III 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 (-4)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	N/A		
Appearance & Odor	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.

D.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: (ss KI) Acute Oral-Rat LD50: >1600 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 organ: 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. **INHALATION:** 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	Conditions to Avoid	Excessive temperature.
	Stable		

Incompatibility (Materials to Avoid) Alkalies, acids, oxidizers.

Hazardous Decomposition Products May produce toxic fumes of iodine, potassium monoxide and hydrogen iodide.

Hazardous Polymerization	May Occur	Will Not Occur	Conditions to Avoid	Not applicable.

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 PROTECT ORN INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling.			
Ventilation	Local Exhaust	No.	Special	No.
	Mechanical (General)	No.	Other	No.
Protective Gloves	Rubber.		Eye Protection	Chemical safety glasses.
Other Protective Equipment	N/A			

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing Store in a cool, dry place. Wash thoroughly after handling. Keep containers tightly closed when not in use.

Other Precautions Read label on container before using. Do not use contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Wash thoroughly after handling.

Revision No. 2 | Date 04/23/08 | Approved James A. Bertech | Chemical Sales Director JAB

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