



MATERIAL SAFETY DATA SHEET

DISTRIBUTED BY:
TCD PARTS, INC.
 1-800-823-8213

MSDS No.:
 Effective Date: May 3, 2005

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Chlorine Test Strip
Chemical Synonyms	Potassium Iodide Paper
Formula	N/A
Unit Size	N/A
C.A.S. No.	N/A

CHEMTREC
 800-424-9300
 Day 855-226-6177

NFPA

HAZARD RATING
 MINOR SLIGHT MODERATE SERIOUS SEVERE
 0 1 2 3 4

Health	1
Fine	0
Reactivity	0

HMIS*

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 (x1)	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 "as originally printed" to form OSHA 201

SECTION V HEALTH HAZARD DATA

Threshold Limited Value None established by ACGIH 2001.
 Toxicity data: (as K₂) 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 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. **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		Conditions to Avoid	Not applicable.
May Occur	Will Not Occur		
	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

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 & Storage
 Store in a cool, dry place. Wash thoroughly after handling.
 Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear 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. 1 | Date 05/03/05 | Approved Michael Raszala | Chemical Safety Coordinator | HAR

The information on this Safety Data Sheet is based on the best available information. Employees should use this information only as a guideline in the laboratory. It is not intended to be used as a substitute for the safety data sheet or other information provided by the manufacturer. Hazardous materials should be handled in accordance with the instructions on the label and the safety data sheet.