

SECTION 1 IDENTIFICATION	
Product Number	161-0509
Product Name	Potassium Iodide
Trade /Chemical Synonyms	
Formula	KI
RTECS	TT2975000
C.A.S. #	CAS# 7681-11-0
Health:	1
Flammability:	0
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

SECTION 7 HANDLING AND STORAGE
Store in a cool, dry well ventilated area away from incompatible materials.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
Respiratory Protection:	NIOSH/MSHA-approved respirator
Ventilation:	Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/>
Protective Gloves:	Wear appropriate gloves to prevent skin exposure
Eye Protection:	Eyeglasses or chemical safety goggles.
Other Protective Equipment:	Wear appropriate clothing to prevent skin exposure

SECTION 2 MIXTURE COMPONENTS					
Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits
<input type="checkbox"/>	Potassium Iodide	CAS# 7681-11-0	100%	W/	TXDS: orl-hmn LDLo: 1862 mg/k

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)
Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 4 FIRST AID MEASURES
FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES
Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical, powder, foam.
Fire / Explosion Hazards: None Known.
Fire Fighting Procedure:
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES
Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES	
Melting Point: 1256 deg F	Percent Volatile by Volume: 0
Boiling Point: 2426 Deg F	Evaporation Rate: 0
Vapor Pressure: Information not available	Evaporation Standard:
Vapor Density: Information not available	Auto Ignition Temp: Not applicable
Solubility in Water: Soluble in water	Lower Flamm. Limit in Air: Not applicable
Appearance /Odors: White or colorless/odorless	Upper Flamm. Limit in Air: Not applicable
Flash Point: Information not available	
Specific Gravity: 3.13	

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
Stability: Stable	
Conditions to Avoid:	Incompatible materials, light, moisture.
Materials to Avoid:	Salts of alkaloids, chloral hydrate, calomel, potassium chlorate, metallic salts, tartaric and other acids
Hazardous Decomposition Products:	Oxides of potassium, iodine
Hazardous polymerization	Has not been reported
Conditions to Avoid:	None known

SECTION 11 ADDITIONAL INFORMATION	
If comes in contact with eyes or skin flush with water for 15 minutes. If ingested give 2 4 cups of milk or water, never give to an unconscious person. If inhaled remove to fresh air immediately, if not breathing give artificial respiration. For all seek medical attention. Ingestion has resorted in fetal death, severe goiter, and cretinoid appearance of the newborn. May cause respiratory tract infection. Chronic exposure can lead to iodism characterized to salivaiton, nasal discharge, sneezing, fever, laryngitis, bronchitis, stomatitis, and skin rashes. Persons with pre-existing disorders may be more susceptible.	
DOT Classification:	Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

Rev. No: 0 Date Entered: 8/1/2005 Approved: RMC Safety Dir. RMC