

OFI TESTING EQUIPMENT, INC.
MATERIAL SAFETY DATA SHEET

Effective Date:02/22/02

SECTION I - PRODUCT IDENTIFICATION	
Chemical Name:	IODINE (IODINE-IODIDE) VOLUMETRIC SOLUTIONS
Trade Name:	POTASSIUM IODIDE-IODATE SOLUTIONS
OFI Part No.	145-554
Chemical Family:	Not Applicable for Mixtures
Formula:	Not Applicable for Mixtures
SECTION II - HAZARDOUS CONSTITUENTS	
CAS #:	CHEMICAL NAME
7758-05-6	Potassium Iodate 0.03 to 0.08%
7681-11-0	Potassium Iodide 0.3 to 0.6%
144-55-8	Sodium Bicarbonate 0.2 to 0.7%
SECTION III - PHYSICAL PROPERTIES	
Appearance / Odor:	Clear, Colorless / Odorless
Solubility:	Infinitely Soluble
Specific Gravity:	No Information Found.
pH:	No Information Found.
% Volatiles by Vol.:	> 90 (as water)
Melting Point:	ca. 32 °F (0 °C)
Boiling Point:	ca. 212 °F (100 °C)
Vapor Density (Air=1):	No Information Found.
Vapor Pressure (mmHg):	No Information Found.
SECTION IV - FIRE, EXPLOSION AND REACTIVITY	
Fire:	Not Considered to be a Fire Hazard.
Explosion:	Not Considered to be a Explosion Hazard.
Fire Extinguishing Media:	Use any means Suitable for Extinguishing Surrounding Fire.
Special Information:	In the Event of Fire, Wear Full Protective Clothing and NIOSH-Approved Self-Contained Breathing Apparatus with Full Facepiece Operated in the Pressure Demand or Other Positive Pressure Mode.
General Reactivity:	Stable Under Ordinary Conditions of Use and Storage.
Hazardous Decomposition:	Burning may Produce Toxic Iodine Vapors.
Incompatibilities:	None Found.
Hazardous Polymerization:	Will Not Occur.
SECTION V - HEALTH HAZARD INFORMATION	
Inhalation:	No Adverse Health Effects Expected from Inhalation.
Ingestion:	Large Doses may Cause Gastrointestinal Upset.
Skin:	No Adverse Effects Expected.
Eye Contact:	No Adverse Effects Expected.
Chronic Exposure:	No Information Found.

SECTION V - HEALTH, HAZARD INFORMATION (cont.)	
Carcinogenic References:	IARC Category- None, NTP Carcinogen - Known: No
Aggravated by Exposure:	No Information Found.
SECTION VI - EMERGENCY & FIRST AID PROCEDURES	
Inhalation:	Not Expected to Require First Aid Measures.
Ingestion:	If Large Amounts were Swallowed, Give Water to Drink and Get Medical Advice.
Skin:	Wash Exposed area with Soap and Water. Get Medical Advice if Irritation Develops.
Eyes:	Immediately Flush Eyes with Plenty of Water for at Least 15 Minutes, Lifting Lower and Upper Eyelids Occasionally. Get Medical Attention Immediately.
SECTION VII - INDUSTRIAL HYGIENE MEASURES	
Ventilation System:	Not Expected to Require any Special Ventilation.
Airborne Exposure Limits:	None Established.
Personal Respirators: (NIOSH APPROVED)	Not Expected to Require Personal Respirator Usage.
Skin Protection:	Wear Protective Gloves and Clean Body-Covering Clothing.
Eye Protection:	Safety Glasses.
SECTION VIII - INDUSTRIAL HYGIENE MEASURES	
Accidental Release:	Ventilate Area of Leak or Spill. Keep Unnecessary and Unprotected People away from Area of Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 7. Contain and Recover Liquid when Possible. Collect Liquid in a Appropriate Container and Absorb with Dry Sand, Vermiculite, Earth or other Inert Substance and Package in a Suitable Container for Disposal. Do Not Flush to Sewer!
Disposal:	
Environmental Fate:	No Information Found.
SECTION IX - SPECIAL PRECAUTIONS	
Handling and Storage:	Keep in Tightly Closed Container, Stored in a Cool, Dry, Ventilated Area. Protect Against Physical Damage and Freezing. Containers of this Material May be Hazardous when Empty Since they Retain Product Residues (Vapors, Liquid).
SECTION X - DOT SHIPPING REQUIREMENTS	
Shipping Name:	
Hazard Class:	Not Regulated
Identification No.:	Not Regulated
NFPA Rating:	HEALTH-1, FLAMMABILITY-0, REACTIVITY-0
SECTION XI - IN CASE OF EMERGENCY	
(713) 880 - 9884	OFI TESTING EQUIPMENT, INC. - Regular Business Hours
(713) 880 - 9885	OFI TESTING EQUIPMENT, INC. - After Regular Business Hours

