



# PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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## MATERIAL SAFETY DATA SHEET R-410 & R411 POTASSIUM IODIDE/IODATE

### Protection Required



### MATERIAL IDENTIFICATION AND USE

**Manufacturer's Name** : PMC Water Systems Services Inc.  
**Manufacturer's Address** : 124 Connie Crescent, Unit 9, Concord, ON L4K 1L7  
**Manufacturer's Phone #** : (905) 669-8262  
**24 Emergency Phone #** : Canutec (613) 996-6666  
**Product Identifier** : R-410 and R-411  
**Product Use** : Test Reagent  
**WHMIS Class** : Not Regulated  
**TDG Class** : Not Regulated

### HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD <sub>50</sub>	LC <sub>50</sub>
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None of the ingredients are classified as hazardous according to the DSL.

### PHYSICAL DATA FOR PRODUCT

**Physical State** : Liquid  
**Odour and Appearance** : Odourless; Colourless  
**Odour Threshold** : Not Applicable  
**Specific Gravity (Water = 1)** : 1.1 g/cc  
**Vapour Pressure (mmHg)** : Not Applicable  
**Vapour Density (Air = 1)** : Not Applicable  
**Evaporation Rate** : Not Applicable  
**Boiling Point** : Not Applicable  
**Freezing Point** : Not Applicable  
**pH** : No Data Available  
**Coefficient Water/Oil Distribution** : No Data Available

### FIRE AND EXPLOSION HAZARD OF PRODUCT

**Flash Point And Method of Determination** : Not Available  
**Conditions of Flammability** : Not flammable  
**Means of Extinction** : Dry chemical, carbon dioxide and foam  
**Upper Explosion Limit** : Not Available  
**Lower Explosion Limit** : Not Available  
**Auto-Ignition Temperature** : Not Available  
**Hazardous Combustion Products** : When product is involved in a fire, firefighters should wear full protective clothing and self-contained breathing apparatus if exposed to vapours or products of combustion.

## REACTIVITY DATA

Stability	:	Stable
Incompatible Materials	:	No Data Available
Conditions of Reactivity	:	No Data Available
Hazardous Decomposition Products	:	No Data Available

## TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Skin Contact	:	Yes
Skin Absorption	:	Yes
Eye Contact	:	Yes
Ingestion	:	Yes
Inhalation	:	No
Acute or Over Exposure Effects	:	Will irritate mucous membranes
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	No Data Available
Irritancy	:	No Data Available
Sensitization	:	No Data Available
Carcinogenicity	:	None Known
Teratogenicity	:	None Known
Mutagenicity	:	None Known
Reproductive Effects	:	None Known

## PREVENTATIVE MEASURES

Personal Protective Equipment	:	Safety glasses and rubber gloves
Respiratory Protection	:	Not normally required
Ventilation Requirements	:	Normal room ventilation
Spill and Leak Procedures	:	Dilute with water and flush into the sewer with abundant water.
Storage Requirements	:	None
Special Handling Information	:	None

## FIRST AID MEASURES

Flush eyes with abundant water. Call a physician. Wash skin with soap and water. In case of ingestion, give large amounts of water or milk. Do not induce vomiting. Call a physician.

## PREPARATION INFORMATION

Prepared By	:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7
Phone	:	905-669-8262
Fax	:	905-669-8252
Date Prepared	:	August 11, 2013

While all the data presented is believed to be accurate at the time of preparation, PMC Water Systems Services Inc. makes no warranty; the data is offered for your consideration, investigation and verification.