



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

TEL 905 669 8262, FAX 905 669 8252, EMAIL pmcwater@aol.com, www.pmcwatersystems.com

MATERIAL SAFETY DATA SHEET R-300 & R-301 CHLORIDES INDICATOR

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-300 and R-301
Product Use	:	Test Reagent
WHMIS Class	:	[D2B] Toxic
TDG Class	:	Not TDG Regulated

HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD₅₀	LC₅₀
Potassium Chromate	7 – 15%	7789-00-6	No Data Available	No Data Available

The remaining ingredients are not classified as hazardous according to the DSL.

PHYSICAL DATA FOR PRODUCT

Physical State	:	Liquid
Odour and Appearance	:	Odourless; yellow liquid
Odour Threshold	:	Not Applicable
Specific Gravity (Water = 1)	:	1 g/cc
Vapour Pressure (mmHg)	:	No Data Available
Vapour Density (Air = 1)	:	No Data Available
Evaporation Rate	:	No Data Available
Boiling Point	:	100°C, 212°F
Freezing Point	:	0°C, 32°F
pH	:	7.5 – 8.5
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	:	No Data Available
Lower Explosion Limit	:	No Data Available
Auto-Ignition Temperature	:	No Data 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	:	Reducing materials
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	:	Yes
Acute or Over Exposure Effects	:	Will irritate mucous membranes
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	No Data Available
Irritancy	:	Strong
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. Reduce with meta-bisulphite and flush into the sewer with abundant water.
Storage Requirements	:	None
Special Handling Information	:	None

FIRST AID MEASURES

Flush eyes with abundant water for 15 minutes. Call a physician. Wash skin with soap and water. In case of ingestion, give large amounts of water or milk. 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.