



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 TOTAL 500C

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 : Total 500C
Product Use : Water Treatment, Bleaching Agent
WHMIS Class : D2B [Poisonous] E [Corrosive]
TDG Class : Sodium Hypochlorite Solution, Class 8 (9.2), UN 1791, PG III

HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD ₅₀	LC ₅₀
Sodium Hypochlorite	12-14%	7681-52-9	No Data	No Data

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

PHYSICAL DATA FOR PRODUCT

Physical State : Liquid
Odour and Appearance : Chlorine
Odour Threshold : No Data Available
Specific Gravity (Water = 1) : No Data Available
Vapour Pressure (mmHg) : No Data Available
Vapour Density (Air = 1) : No Data Available
Evaporation Rate : No Data Available
Boiling Point : No Data Available
Freezing Point : -10°C, 14°F
pH : 12 – 13
Coefficient Water/Oil Distribution : Not Applicable
Solubility in Water : Complete

FIRE AND EXPLOSION HAZARD OF PRODUCT

Flash Point And Method of Determination : Not Applicable
Conditions of Flammability : Not Flammable
Means of Extinction : As for surrounding fire
Upper Explosion Limit : Not Applicable
Lower Explosion Limit : Not Applicable
Auto-Ignition Temperature : Not Applicable
Hazardous Combustion Products : Not Applicable
Explosion Data:
Sensitivity to Impact : None Known
Sensitivity to Static Discharges : None Known

REACTIVITY DATA

Stability	:	Stable
Incompatible Materials	:	Avoid oxidizers and strong acids
Conditions of Reactivity	:	None
Hazardous Decomposition Products	:	Nitrogen Oxides, CO and CO ₂

TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Skin Contact	:	-
Skin Absorption	:	Yes
Eye Contact	:	Yes
Ingestion	:	Yes
Inhalation	:	Yes
Acute or Over Exposure Effects	:	Irritant to eyes, lungs and skin. Poison by ingestion.
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	No Data Available
Irritancy	:	Slight
Sensitization	:	No Data Available
Carcinogenicity	:	None Known
Teratogenicity	:	None Known
Mutagenicity	:	None Known
Reproductive Effects	:	None Known

PREVENTATIVE MEASURES

Personal Protective Equipment	:	Goggles or face shield
Ventilation Requirements	:	Not normally required
Spill and Leak Procedures	:	Flush to sewer in accordance with local regulations.
Storage Requirements	:	Keep container closed when not in use. Store away from acids.
Special Handling Information	:	Not Regulated

FIRST AID MEASURES

Flush eyes with water for 10 minutes. Wash contaminated area with soap and water. Launder clothing before reuse. If ingested, give large quantities of water or milk and induce vomiting if possible. Seek immediate medical attention.

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 4, 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.