

MURSATT MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL IDENTIFICATION

PRODUCT IDENTIFIER	SPA-CHLOR	CODE: S10
MANUFACTURER	MURSATT CHEMICALS LIMITED	
ADDRESS	71 CARLAUREN ROAD, WOODBRIDGE, ONT., L4L 8A8	
MANUFACTURER'S PHONE	(905) 850-8444	
EMERGENCY PHONE	CANUTEC (613) 996-6666	
PRODUCT USE	SPA WATER SANITIZER	
PROPOSED WHMIS CLASS	[C] OXIDIZER, [E] CORROSIVE	

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	% w/w	CAS #	UN	LD50 (mg/kg)	LC50 (mg/m ³)
SODIUM DICHLORO-S-TRIAZINE TRIONE	30 - 60	2893-78-9	2465	700 (ORAL,RAT)	NOT AVAILABLE

SECTION III PHYSICAL DATA

STATE	SOLID	ODOUR	STRONG CHLORINE
APPEARANCE	WHITE GRANULES	ODOUR THRESHOLD	NOT AVAILABLE
SPECIFIC GRAVITY	NOT AVAILABLE	VAPOUR PRESSURE	NOT AVAILABLE
pH	6.0 (1% SOL'N)	VAPOUR DENSITY	NOT AVAILABLE
BOILING POINT °C	NOT AVAILABLE	EVAPORATION RATE	NOT AVAILABLE
FREEZING POINT °C	NOT AVAILABLE	COEF. WATER/OIL DISTRIBUTION	NOT AVAILABLE

SECTION IV FIRE AND EXPLOSION DATA

FLASHPOINT °C & METHOD	NONE
UPPER FLAMMABLE LIMIT (% VOLUME)	NOT APPLICABLE
LOWER FLAMMABLE LIMIT (% VOLUME)	NOT APPLICABLE
CONDITIONS OF FLAMMABILITY	IF HEATED TO OVER 225 C, UNDERGOES SELF-SUSTAINING DECOMPOSITION WITH EVOLUTION OF HEAT AND NOXIOUS GASES.
MEANS OF EXTINCTION	FLOOD WITH WATER
AUTO IGNITION TEMPERATURE	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	CHLORINE AND OTHER HAZARDOUS GASES.
EXPLOSION DATA	NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE	NOT AVAILABLE

SECTION V REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBLE MATERIALS	OTHER CHLORINE COMPOUNDS, FLAMMABLE OR COMBUSTIBLE MATERIALS, ORGANIC MATERIALS, OXIDIZABLE MATERIALS, NITROGEN-CONTAINING COMPOUNDS, HYDRATED SALTS, ACIDS, ALKALINE MATERIALS AND REDUCING AGENTS. REACTS WITH WATER TO FORM BLEACH SOLUTION.
CONDITIONS OF REACTIVITY	CONTACT WITH INCOMPATIBLE MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCTS	NITROGEN TRICHLORIDE AND CHLORINE. TRACES OF PHOSGENE GAS AT TEMPERATURES GREATER THAN 204 C.

SECTION VI TOXICOLOGICAL PROPERTIES
--

ROUTE OF ENTRY:	EYE CONTACT	[X]	INGESTION	[X]
	SKIN CONTACT	[X]	INHALATION	[X]
	SKIN ABSORPTION	[X]		

EFFECTS OF ACUTE EXPOSURE	CORROSIVE TO EYES. CAUSES IRREVERSIBLE EYE DAMAGE. IRRITANT IF ALLOWED TO REMAIN ON SKIN. MAY BE FATAL IF SWALLOWED. IF INGESTED, MAY CAUSE BURNS TO MOUTH, THROAT AND DIGESTIVE TRACT. IF INHALED, MAY CAUSE IRRITATION OF NOSE AND THROAT, WITH SYMPTOMS SUCH AS SORE THROAT AND COUGHING.
EFFECTS OF CHRONIC EXPOSURE	NOT AVAILABLE.
EXPOSURE LIMITS	1.5 MG/M3 FOR CHLORINE
IRRITANCY OF PRODUCT	SEVERE IRRITANT TO EYES. SEVERE IRRITANT IF ALLOWED TO REMAIN ON SKIN.
SENSITIZATION	NOT AVAILABLE
EVIDENCE OF CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY OR MUTAGENICITY	NONE KNOWN
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NONE KNOWN

SECTION VII PREVENTATIVE MEASURES
--

PERSONAL EQUIPMENT	PROTECTIVE	GOGGLES OR FACE SHIELD. NITRILE OR NEOPRENE GLOVES. NIOSH-APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED. PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.
ENGINEERING CONTROLS		LOCAL EXHAUST.
LEAK & SPILL PROCEDURE		KEEP INCOMPATIBLES AWAY FROM SPILL. FOR SMALL SPILLS, SWEEP UP FOR DISPOSAL. FLUSH AREA WITH PLENTY OF WATER.
WASTE DISPOSAL		IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND MUNICIPAL ENVIRONMENTAL REGULATIONS.
HANDLING PROCEDURES & EQUIPMENT		WASH AFTER HANDLING. USE GOOD INDUSTRIAL HYGIENE.
STORAGE REQUIREMENTS		STORE IN A COOL, DRY, WELL-VENTILATED PLACE, AWAY FROM INCOMPATIBLES.
SPECIAL SHIPPING INFORMATION		CLASS 5.1, PG II, UN 1479 "LIMITED QUANTITY", PACKAGED IN 800 GR JAR.

SECTION VIII FIRST AID MEASURES
--

EYE CONTACT	FLUSH WITH WATER FOR 20 MINUTES. CONTACT PHYSICIAN IMMEDIATELY.
SKIN CONTACT	BRUSH OFF EXCESS CHEMICAL. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, CONTACT PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. GIVE VICTIM 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS. CONTACT PHYSICIAN IMMEDIATELY.
INHALATION	REMOVE TO FRESH AIR. ASSIST BREATHING IF NECESSARY. IF IRRITATION PERSISTS, CONTACT PHYSICIAN.

SECTION IX PREPARATION DATA

PREPARED BY: MURSATT TECHNICAL DEPT
/06

DATE PREPARED: MAR 28/08

All information in this MSDS is obtained from sources considered to be reliable and is believed to be correct, however, it is submitted without any warrantee. The data are offered solely for your consideration, investigation and verification.