

MURSATT MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL IDENTIFICATION

PRODUCT IDENTIFIER	MOR-CAL	CODE: M14
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	SWIMMING POOL WATER TREATMENT	
PROPOSED WHMIS CLASS	[D2B] TOXIC	

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	% w/w	CAS #	UN	LD50 (mg/kg)	LC50 (mg/m ³)
CALCIUM CHLORIDE	60 - 100	10035-04-8	N/A	NOT AVAILABLE	NOT AVAILABLE

SECTION III PHYSICAL DATA

STATE	GRANULAR SOLID	ODOUR	NONE
APPEARANCE	OFF-WHITE GRANULES	ODOUR THRESHOLD	NOT APPLICABLE
SPECIFIC GRAVITY	2.1	VAPOUR PRESSURE	NOT APPLICABLE
pH	10 (1% SOL'N)	VAPOUR DENSITY	NOT APPLICABLE
BOILING POINT °C	> 1600	EVAPORATION RATE	NOT APPLICABLE
FREEZING POINT °C	772	COEF. WATER/OIL DISTRIBUTION	NOT APPLICABLE

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	NOT APPLICABLE
MEANS OF EXTINCTION	AS FOR SURROUNDING FIRE
AUTO IGNITION TEMPERATURE	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	TOXIC FUMES OF CHLORIDE
EXPLOSION DATA	NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE	NOT APPLICABLE

SECTION V REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBLE MATERIALS	WILL CORRODE METALS IN PRESENCE OF WATER.
CONDITIONS OF REACTIVITY	DISSOLUTION IN WATER GENERATES HEAT.
HAZARDOUS DECOMPOSITION PRODUCTS	NONE

SECTION VI TOXICOLOGICAL PROPERTIES
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ROUTE OF ENTRY:	EYE CONTACT	[X]	INGESTION	[X]
	SKIN CONTACT	[]	INHALATION	[X]
	SKIN ABSORPTION	[]		

EFFECTS OF ACUTE EXPOSURE	IRRITATES EYES. IF INGESTED WILL IRRITATE MOUTH AND THROAT. IF INHALED, WILL IRRITATE RESPIRATORY TRACT.
EFFECTS OF CHRONIC EXPOSURE	PROLONGED INHALATION MAY RESULT IN ULCERATION OF NASAL MUCOUS.
EXPOSURE LIMITS	NOT AVAILABLE
IRRITANCY OF PRODUCT	SLIGHT EYE IRRITANT
SENSITIZATION	NOT APPLICABLE
EVIDENCE OF CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY OR MUTAGENICITY	NONE KNOWN
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NONE KNOWN

SECTION VII PREVENTATIVE MEASURES
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PERSONAL PROTECTIVE EQUIPMENT	GOGGLES OR FACE SHIELD. RUBBER OR NEOPRENE GLOVES. DUST MASK OR RESPIRATOR IF DUSTS PRESENT.
ENGINEERING CONTROLS	NORMAL ROOM VENTILATION.
LEAK & SPILL PROCEDURE	FOR SMALL SPILLS, SWEEP UP FOR REUSE OR 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 PLACE.
SPECIAL SHIPPING INFORMATION	NOT REGULATED

SECTION VIII FIRST AID MEASURES
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EYE CONTACT	FLUSH WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN.
SKIN CONTACT	WASH WITH SOAP AND WATER.
INGESTION	DO NOT INDUCE VOMITING. GIVE VICTIM 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS. CONTACT PHYSICIAN IMMEDIATELY.
INHALATION	REMOVE TO FRESH AIR.

SECTION IX PREPARATION DATA

PREPARED BY: MURSATT TECHNICAL DEPT.

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.