

MURSATT MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL IDENTIFICATION

PRODUCT IDENTIFIER	SHIELD	CODE: M32
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)
ACETODIPHOSPHONIC ACID	5 - 10	2809-21-4	1760	3000 (ORAL, MOUSE)	NOT AVAILABLE

SECTION III PHYSICAL DATA

STATE	LIQUID	ODOUR	MILD
APPEARANCE	LIGHT AMBER LIQUID	ODOUR THRESHOLD	NOT AVAILABLE
SPECIFIC GRAVITY	1.38	VAPOUR PRESSURE	NOT AVAILABLE
pH	5.7	VAPOUR DENSITY	NOT AVAILABLE
BOILING POINT °C	> 100	EVAPORATION RATE	NOT AVAILABLE
FREEZING POINT °C	0	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	NOT APPLICABLE
MEANS OF EXTINCTION	AS FOR SURROUNDING FIRE
AUTO IGNITION TEMPERATURE	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	OXIDES OF CARBON
EXPLOSION DATA	NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE	NOT APPLICABLE

SECTION V REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBLE MATERIALS	NOT APPLICABLE
CONDITIONS OF REACTIVITY	NOT APPLICABLE
HAZARDOUS DECOMPOSITION PRODUCTS	OXIDES OF CARBON AND NITROGEN. PHOSPHINES MAY FORM AFTER ALL THE WATER HAS BEEN REMOVED.

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

EFFECTS OF ACUTE EXPOSURE	MAY BE IRRITANT TO EYES.
EFFECTS OF CHRONIC EXPOSURE	NOT AVAILABLE
EXPOSURE LIMITS	NOT AVAILABLE
IRRITANCY OF PRODUCT	SLIGHT
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.
ENGINEERING CONTROLS	NORMAL ROOM VENTILATION.
LEAK & SPILL PROCEDURE	FOR SMALL SPILLS, FLUSH TO SEWER 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. IF IRRITATION PERSISTS 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 IF IRRITATION PERSISTS.
INHALATION	REMOVE TO FRESH AIR.

SECTION IX PREPARATION DATA

PREPARED BY: MURSATT TECHNICAL DEPT.

DATE PREPARED: MAR 28/08

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