

MURSATT MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL IDENTIFICATION

PRODUCT IDENTIFIER **40 WINKS** CODE: M25
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 AGLAECIDE**
PROPOSED WHMIS CLASS **PCP CONTROLLED. NOT WHMIS CONTROLLED. [B3]**
COMBUSTIBLE, [D2B] TOXIC

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	% w/w	CAS #	UN	LD50 (mg/kg)	LC50 (mg/m ³)
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	8 - 20	68391-01-5	2922	500 (ORAL,RAT)	NOT AVAILABLE
ALKYL DIMETHYL ETHYL BENZYL AMMONIUM CHLORIDE	8 - 20	68956-79-6		N/A	N/A
ETHANOL	3 - 5	64-17-5		N/AV	N/AV

SECTION III PHYSICAL DATA

STATE	LIQUID	ODOUR	ALCOHOL
APPEARANCE	LIGHT AMBER	ODOUR THRESHOLD	NOT AVAILABLE
SPECIFIC GRAVITY	0.9-1.0	VAPOUR PRESSURE	NOT AVAILABLE
pH	7.5	VAPOUR DENSITY	NOT AVAILABLE
BOILING POINT °C	93°C	EVAPORATION RATE	NOT AVAILABLE
FREEZING POINT °C	NOT AVAILABLE	COEF. WATER/OIL DISTRIBUTION	NOT AVAILABLE

SECTION IV FIRE AND EXPLOSION DATA

FLASHPOINT °C & METHOD > 70
UPPER FLAMMABLE LIMIT (% VOLUME) NOT AVAILABLE
LOWER FLAMMABLE LIMIT (% VOLUME) NOT AVAILABLE
CONDITIONS OF FLAMMABILITY NOT AVAILABLE
MEANS OF EXTINCTION AS FOR SURROUNDING FIRE
AUTO IGNITION TEMPERATURE NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS OXIDES OF CARBON AND NITROGEN, HYDROCHLORIC ACID.
EXPLOSION DATA NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE NOT APPLICABLE

SECTION V REACTIVITY DATA

CHEMICAL STABILITY STABLE
INCOMPATIBLE MATERIALS STRONG OXIDIZERS, ANIONICS
CONDITIONS OF REACTIVITY HIGH TEMPERATURES
HAZARDOUS DECOMPOSITION PRODUCTS OXIDES OF CARBON AND NITROGEN.

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

EFFECTS OF ACUTE EXPOSURE	MAY CAUSE IRRITATION AND TEARING OF EYES. MAY CAUSE REDNESS, DRYNESS AND IRRITATION OF SKIN. IF INGESTED MAY CAUSE NAUSEA AND DIARRHEA. HARMFUL IF SWALLOWED. HUMAN POISON BY PARENTERAL ROUTE.
EFFECTS OF CHRONIC EXPOSURE	NOT AVAILABLE
EXPOSURE LIMITS	NOT AVAILABLE
IRRITANCY OF PRODUCT	SKIN AND EYE IRRITANT
SENSITIZATION	NOT AVAILABLE
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, ABSORB WITH INERT MATERIAL AND PICK 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 PLACE, AWAY FROM INCOMPATIBLES.
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. IF IRRITATION PERSISTS, CONTACT PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. GIVE VICTIM MILK, EGG WHITES OR GELATIN SOLUTION. IF THESE ARE NOT AVAILABLE GIVE 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

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