

## MURSATT MATERIAL SAFETY DATA SHEET

### SECTION I MATERIAL IDENTIFICATION

PRODUCT IDENTIFIER	<b>M.S.R.</b>	CODE: M33
MANUFACTURER	<b>MURSATT CHEMICALS LIMITED</b>	
ADDRESS	71 CARLAUREN ROAD, WOODBRIDGE, ONT., L4L 8A8	
MANUFACTURER'S PHONE	(905) 850-8444	
EMERGENCY PHONE	<b>CANUTEC (613) 996-6666</b>	
PRODUCT USE	SWIMMING POOL STAIN REMOVER	
PROPOSED WHMIS CLASS	[D2B] TOXIC, [E] CORROSIVE	

### SECTION II HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	% w/w	CAS #	UN	LD50 (mg/kg)	LC50 (mg/m <sup>3</sup> )
ACETODIPHOSPHONIC ACID	10 - 30	2809-21-4	1760	3000 (ORAL, MOUSE)	NOT AVAILABLE

### SECTION III PHYSICAL DATA

STATE	LIQUID	ODOUR	SLIGHT CARAMEL
APPEARANCE	PALE YELLOW	ODOUR THRESHOLD	NOT AVAILABLE
SPECIFIC GRAVITY	1.17	VAPOUR PRESSURE	NOT AVAILABLE
pH	< 2 (1% SOL'N)	VAPOUR DENSITY	NOT AVAILABLE
BOILING POINT °C	105	EVAPORATION RATE	NOT AVAILABLE
FREEZING POINT °C	< -10	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	PHOSPHINE MAY BE EVOLVED AT OVER 200°C
EXPLOSION DATA	NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE	NOT APPLICABLE

### SECTION V REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBLE MATERIALS	STRONG ALKALIS, OXIDIZERS
CONDITIONS OF REACTIVITY	ON CONTACT WITH INCOMPATIBLES
HAZARDOUS DECOMPOSITION PRODUCTS	PHOSPHINE GAS

<b>SECTION VI TOXICOLOGICAL PROPERTIES</b>
--

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

EFFECTS OF ACUTE EXPOSURE	STRONG IRRITANT TO SKIN, EYES AND MUCOUS MEMBRANES. NOT CONSIDERED TOXIC.
EFFECTS OF CHRONIC EXPOSURE	NOT AVAILABLE
EXPOSURE LIMITS	NOT AVAILABLE
IRRITANCY OF PRODUCT	SLIGHT IRRITANT
SENSITIZATION	NOT APPLICABLE
EVIDENCE OF CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY OR MUTAGENICITY	NONE KNOWN
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NONE KNOWN

<b>SECTION VII PREVENTATIVE MEASURES</b>
--

PERSONAL PROTECTIVE EQUIPMENT	GOGGLES OR FACE SHIELD. RUBBER OR NEOPRENE GLOVES. IF MIST IS PRESENT USE FULL-FACED ACID MASK OR NIOSH APPROVED RESPIRATOR.
ENGINEERING CONTROLS	NORMAL ROOM VENTILATION TO REMOVE MISTS.
LEAK & SPILL PROCEDURE	FOR SMALL SPILLS, ABSORB WITH INERT MATERIAL AND REMOVE TO DISPOSAL. NEUTRALIZE AND 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. USE ACID-RESISTANT HANDLING EQUIPMENT
STORAGE REQUIREMENTS	STORE IN A COOL, DRY PLACE.
SPECIAL SHIPPING INFORMATION	CLASS 8, PG II, UN1760 "LIMITED QUANTITY", PACKAGED IN 1 LTR BOTTLES.

<b>SECTION VIII FIRST AID MEASURES</b>
--

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. IF IRRITATION PERSISTS, CONTACT PHYSICIAN.

<b>SECTION IX PREPARATION DATA</b>
------------------------------------

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.