

## MURSATT MATERIAL SAFETY DATA SHEET

### SECTION I MATERIAL IDENTIFICATION

PRODUCT IDENTIFIER	<b>POOL POLISH</b>	CODE: M30
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 WATER TREATMENT	
PROPOSED WHMIS CLASS	[E] CORROSIVE	

### SECTION II HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	% w/w	CAS #	UN	LD50 (mg/kg)	LC50 (mg/m <sup>3</sup> )
ALUMINUM SULFATE	60 - 100	10043-01-3	9078	6207 (ORAL, MOUSE)	NOT AVAILABLE

### SECTION III PHYSICAL DATA

STATE	GRANULAR SOLID	ODOUR	NONE
APPEARANCE	OFF-WHITE GRANULES	ODOUR THRESHOLD	NOT APPLICABLE
SPECIFIC GRAVITY	NOT AVAILABLE	VAPOUR PRESSURE	NOT APPLICABLE
pH	3.5 (1% SOL'N)	VAPOUR DENSITY	NOT APPLICABLE
BOILING POINT °C	NOT AVAILABLE	EVAPORATION RATE	NOT APPLICABLE
FREEZING POINT °C	770	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	DRY CHEMICAL, CO2 OR ALCOHOL FOAM. DO NOT USE WATER TO FIGHT FIRE SINCE PRODUCT REACTS WITH WATER TO FORM SULFURIC ACID.
AUTO IGNITION TEMPERATURE	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	OXIDES OF SULFUR
EXPLOSION DATA	NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE	NOT APPLICABLE

### SECTION V REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBLE MATERIALS	STRONG ALKALIS. CONTACT WITH WATER MAY FORM SULFURIC ACID.
CONDITIONS OF REACTIVITY	HIGH HUMIDITY
HAZARDOUS DECOMPOSITION PRODUCTS	OXIDES OF SULFUR

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

EFFECTS OF ACUTE EXPOSURE	IRRITATES EYES AND SKIN. IF INGESTED, CAUSES NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHEA. LARGE QUANTITIES CAN CAUSE ULCERATION OF THE MUCOUS MEMBRANES OF THE MOUTH, THROAT AND OESOPHAGUS, KIDNEY DAMAGE, HEMORRHAGE, GASTROENTERITIS AND INTENSE THIRST. IF INHALED, MAY IRRITATE RESPIRATORY TRACT.
EFFECTS OF CHRONIC EXPOSURE	PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE DERMATITIS.
EXPOSURE LIMITS	NOT AVAILABLE
IRRITANCY OF PRODUCT	MODERATE
SENSITIZATION	NOT AVAILABLE
EVIDENCE OF CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY OR MUTAGENICITY	NONE KNOWN
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NONE KNOWN

<b>SECTION VII PREVENTATIVE MEASURES</b>
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PERSONAL PROTECTIVE EQUIPMENT	GOGGLES OR FACE SHIELD. RUBBER OR NEOPRENE GLOVES. NIOSH APPROVED RESPIRATOR IF DUSTS PRESENT.
ENGINEERING CONTROLS	NORMAL ROOM VENTILATION.
LEAK & SPILL PROCEDURE	FOR SMALL SPILLS, SWEEP UP FOR REUSE OR 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.
STORAGE REQUIREMENTS	STORE IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLES.
SPECIAL SHIPPING INFORMATION	NOT REGULATED (REGULATED LIMIT = 230 KG)

<b>SECTION VIII FIRST AID MEASURES</b>
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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. IF IRRITATION PERSISTS, CONTACT PHYSICIAN.

<b>SECTION IX PREPARATION DATA</b>
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PREPARED BY: MURSATT TECHNICAL DEPT.

DATE PREPARED: MAR 28/08

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