

## MURSATT MATERIAL SAFETY DATA SHEET

### SECTION I MATERIAL IDENTIFICATION

PRODUCT IDENTIFIER	<b>SPA-BUFFER</b>	CODE: S50
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	SPA WATER TREATMENT	
PROPOSED WHMIS CLASS	NOT REGULATED	

### SECTION II HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	% w/w	CAS #	UN	LD50 (mg/kg)	LC50 (mg/m <sup>3</sup> )
NO HAZARDOUS INGREDIENTS					

### SECTION III PHYSICAL DATA

STATE	POWDERED SOLID	ODOUR	NONE
APPEARANCE	WHITE POWDER	ODOUR THRESHOLD	NOT APPLICABLE
SPECIFIC GRAVITY	2.1 G/CC	VAPOUR PRESSURE	NOT APPLICABLE
pH	8.6 (1% SOL'N)	VAPOUR DENSITY	NOT APPLICABLE
BOILING POINT °C	NOT APPLICABLE	EVAPORATION RATE	NOT APPLICABLE
FREEZING POINT °C	NOT APPLICABLE	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	OXIDES OF CARBON
EXPLOSION DATA	NOT APPLICABLE
SENSITIVITY TO STATIC DISCHARGE	NOT APPLICABLE

### SECTION V REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBLE MATERIALS	STRONG ACIDS
CONDITIONS OF REACTIVITY	NOT APPLICABLE
HAZARDOUS DECOMPOSITION PRODUCTS	OXIDES OF CARBON

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

EFFECTS OF ACUTE EXPOSURE	MAY BE IRRITANT TO EYES. IF INGESTED MAY IRRITATE MOUTH, ESOPHAGUS AND STOMACH. IF INHALED, MAY IRRITATE NOSE, THROAT AND UPPER RESPIRATORY SYSTEM.
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

<b>SECTION VII PREVENTATIVE MEASURES</b>
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PERSONAL EQUIPMENT	PROTECTIVE	GOGGLES OR FACE SHIELD. DUST MASK IF DUST 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

<b>SECTION VIII FIRST AID MEASURES</b>
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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 IMMEDIATELY.
INHALATION	REMOVE TO FRESH AIR.

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

DATE PREPARED: MAR 28/08

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