

MURSATT MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL IDENTIFICATION

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| PRODUCT IDENTIFIER | STICKS | CODE: M02 |
| 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 SANITIZER | |
| PROPOSED WHMIS CLASS | [C] OXIDIZER, [D1B] TOXIC, [E] CORROSIVE | |

SECTION II HAZARDOUS INGREDIENTS

| CHEMICAL IDENTITY | % w/w | CAS # | UN | LD50 (mg/kg) | LC50 (mg/m ³) |
|-----------------------------|----------|---------|------|----------------|---------------------------|
| TRICHLORO-S-TRIAZINE TRIONE | 96 - 100 | 87-90-1 | 2468 | 406 (ORAL,RAT) | NOT AVAILABLE |

SECTION III PHYSICAL DATA

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| STATE | SOLID | ODOUR | STRONG CHLORINE |
| APPEARANCE | WHITE 227 GM TABLET | ODOUR THRESHOLD | NOT AVAILABLE |
| SPECIFIC GRAVITY | NOT AVAILABLE | VAPOUR PRESSURE | NOT AVAILABLE |
| pH | 3.0 (1% SOL'N) | VAPOUR DENSITY | NOT AVAILABLE |
| BOILING POINT °C | NOT AVAILABLE | EVAPORATION RATE | NOT AVAILABLE |
| FREEZING POINT °C | NOT AVAILABLE | COEF. WATER/OIL DISTRIBUTION | NOT AVAILABLE |

SECTION IV FIRE AND EXPLOSION DATA

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| FLASHPOINT °C & METHOD | NONE |
| UPPER FLAMMABLE LIMIT (% VOLUME) | NOT APPLICABLE |
| LOWER FLAMMABLE LIMIT (% VOLUME) | NOT APPLICABLE |
| CONDITIONS OF FLAMMABILITY | IF HEATED TO 238 TO 250 C, UNDERGOES SELF-SUSTAINING DECOMPOSITION WITH EVOLUTION OF HEAT AND NOXIOUS GASES. |
| MEANS OF EXTINCTION | DRY CHEMICAL OR CARBON DIOXIDE. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS AND TO REDUCE VAPOURS. |
| AUTO IGNITION TEMPERATURE | NOT APPLICABLE |
| HAZARDOUS COMBUSTION PRODUCTS | CHLORINE AND OTHER HAZARDOUS GASES. |
| EXPLOSION DATA | NOT APPLICABLE |
| SENSITIVITY TO STATIC DISCHARGE | NOT AVAILABLE |

SECTION V REACTIVITY DATA

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| CHEMICAL STABILITY | NOT STABLE |
| INCOMPATIBLE MATERIALS | OTHER CHLORINE COMPOUNDS, FLAMMABLE OR COMBUSTIBLE MATERIALS, ORGANIC MATERIALS, OXIDIZABLE MATERIALS, NITROGEN-CONTAINING COMPOUNDS, HYDRATED SALTS, ACIDS, ALKALINE MATERIALS AND REDUCING AGENTS. REACTS WITH WATER TO FORM BLEACH SOLUTION. |
| CONDITIONS OF REACTIVITY | CONTACT WITH INCOMPATIBLE MATERIALS. |
| HAZARDOUS DECOMPOSITION PRODUCTS | NITROGEN TRICHLORIDE AND CHLORINE. TRACES OF PHOSGENE GAS AT TEMPERATURES GREATER THAN 400 C. |

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

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| EFFECTS OF ACUTE EXPOSURE | CORROSIVE TO EYES. CAUSES IRREVERSIBLE EYE DAMAGE. IRRITANT IF ALLOWED TO REMAIN ON SKIN. MAY BE FATAL IF SWALLOWED. IF INGESTED, MAY CAUSE BURNS TO MOUTH, THROAT AND DIGESTIVE TRACT. IF INHALED, MAY CAUSE IRRITATION OF NOSE AND THROAT, WITH SYMPTOMS SUCH AS SORE THROAT AND COUGHING. |
| EFFECTS OF CHRONIC EXPOSURE | NOT AVAILABLE. |
| EXPOSURE LIMITS | 1.5 MG/M3 FOR CHLORINE |
| IRRITANCY OF PRODUCT | SEVERE IRRITANT TO EYES. SEVERE IRRITANT IF ALLOWED TO REMAIN ON SKIN. |
| SENSITIZATION | NOT AVAILABLE |
| EVIDENCE OF CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY OR MUTAGENICITY | NONE KNOWN |
| TOXICOLOGICALLY SYNERGISTIC PRODUCTS | NONE KNOWN |

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| SECTION VII PREVENTATIVE MEASURES |
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| PERSONAL PROTECTIVE EQUIPMENT | GOGGLES OR FACE SHIELD. NITRILE OR NEOPRENE GLOVES. NIOSH-APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED. PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. |
| ENGINEERING CONTROLS | LOCAL EXHAUST. |
| LEAK & SPILL PROCEDURE | REMOVE ALL IGNITION SOURCES. KEEP INCOMPATIBLES AWAY FROM SPILL. FOR SMALL SPILLS, SWEEP 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, WELL-VENTILATED PLACE, AWAY FROM INCOMPATIBLES. |
| SPECIAL SHIPPING INFORMATION | CLASS 5.1, PG II, UN 2468 |

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| SECTION VIII FIRST AID MEASURES |
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| EYE CONTACT | GENTLY BRUSH AWAY EXCESS CHEMICAL QUICKLY. FLUSH WITH WATER FOR 20 MINUTES. CONTACT PHYSICIAN IMMEDIATELY. |
| SKIN CONTACT | BRUSH OFF EXCESS CHEMICAL. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, CONTACT PHYSICIAN. |
| INGESTION | DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. GIVE VICTIM 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS. CONTACT PHYSICIAN IMMEDIATELY. |
| INHALATION | REMOVE TO FRESH AIR. ASSIST BREATHING IF NECESSARY. IF IRRITATION PERSISTS, CONTACT PHYSICIAN. |

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| SECTION IX PREPARATION DATA |
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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.