



MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE; ONTARIO, CANADA; L4L 8P3  
(905)-850-8444

PRODUCT: CHLOR-OUT-TABS

CODE: MUR0046

**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER/SUPPLIER..... MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE, ONTARIO  
CANADA  
L4L 8P3  
PREPARED BY..... REGULATORY AFFAIRS  
PREPARATION DATE..... Apr18/14  
PRODUCT NAME..... CHLOR-OUT-TABS  
PRODUCT CODE..... MUR0046  
CHEMICAL FORMULA..... MIXTURE.  
CHEMICAL FAMILY..... SODIUM SALT, INORGANIC REDUCING AGENTS.  
MATERIAL USE..... N.AV.  
EMERGENCY PHONE NO..... CANUTEC (613)-996-6666.

**Section 02: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:  
SKIN CONTACT..... PRODUCT DUST OR SOLUTION MAY RESULT IN SKIN IRRITATION UPON  
PROLONGED CONTACT.  
SKIN ABSORPTION..... N.AV.  
EYE CONTACT..... DUST OR SOLUTION MAY BURN EYES ON CONTACT.  
INHALATION..... INHALATION OF PRODUCT DUST OR SOLUTION MAY CAUSE RESPIRATORY TRACT  
IRRITATION.  
INGESTION..... INGESTION MAY IRRITATE GASTROINTESTINAL TRACT. TOXIC IF TAKEN IN LARGE  
DOSES.  
EFFECTS OF ACUTE EXPOSURE..... SEE ABOVE.  
EFFECTS OF CHRONIC EXPOSURE..... SODIUM SULFITE MAY CAUSE ALLERGIC REACTIONS IN SENSITIVE INDIVIDUALS.

**Section 03: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
SODIUM SULPHITE	60-100	SEE SECTION 11	7757-83-7	SEE SECTION 11	SEE SECTION 11

**Section 04: FIRST AID MEASURES**

EYE CONTACT..... IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR FIFTEEN (15)  
MINUTES, RINSING EYE THOROUGHLY. GET MEDICAL ATTENTION.  
SKIN CONTACT..... WASH WITH PLENTY OF SOAP AND WATER FOR FIFTEEN (15) MINUTES. REMOVE  
CONTAMINATED CLOTHING. IF SKIN IRRITATION OCCURS, GET MEDICAL  
ATTENTION. WASH CLOTHING BEFORE REUSE.  
INHALATION..... REMOVE TO FRESH AIR. IF NOT BREATHING, RESUSCITATE AND ADMINISTER  
OXYGEN IF READILY AVAILABLE. SEEK MEDICAL ATTENTION IMMEDIATELY.  
INGESTION..... IF CONSCIOUS, DRINK LARGE QUANTITIES OF WATER OR MILK AND INDUCE  
VOMITING. CALL A PHYSICIAN IMMEDIATELY. AVOID ALCOHOL. IF UNCONSCIOUS  
OR IN CONVULSIONS, SEEK MEDICAL ATTENTION IMMEDIATELY. DO NOT GIVE  
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
NOTES TO PHYSICIAN..... N.AV.

**Section 05: FIRE FIGHTING MEASURES**

T.D.G. FLAM. CLASS..... NOT REGULATED.  
FLAMMABILITY..... NON FLAMMABLE.  
EXTINGUISHING MEDIA..... USE EXTINGUISHING MEDIA APPROPRIATE FOR BURNING MATERIAL.  
COMPATIBLE WITH WATER FOG, SPRAY FOAM OR CO2.  
SPECIAL PROCEDURES..... USE NIOSH/MSHA-APPROVED, POSITIVE PRESSURE, SELF-CONTAINED  
BREATHING APPARATUS WITH FULL FACE PIECE.  
UNUSUAL FIRE AND EXPLOSION HAZARDS ..... AT 600 C, SODIUM SULFIDE IS FORMED. AT 9000 C, SULFUR DIOXIDE IS FORMED.  
INERT INGREDIENTS COULD SUPPORT COMBUSTION BY BURNING, YIELDING  
CARBON DIOXIDE AND WATER. USE SELF-CONTAINED BREATHING APPARATUS  
FOR FIRE FIGHTING.  
FLASH POINT (C), METHOD..... N.AP.  
AUTO IGNITION TEMPERATURE..... N.AP.  
UPPER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
LOWER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
EXPLOSION DATA..... N.AP.  
EXPLOSIVE POWER..... N.AP.  
RATE OF BURNING..... N.AP.

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**Section 05: FIRE FIGHTING MEASURES**

SENSITIVITY TO STATIC DISCHARGE..... N.AP.  
 SENSITIVITY TO IMPACT..... N.AP.  
 HAZARDOUS COMBUSTION PRODUCTS.. SEE HAZARDOUS DECOMPOSITION PRODUCTS.

**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... CONTAIN ALL SPILLED MATERIAL, WEARING APPROPRIATE PROTECTIVE EQUIPMENT. PLACE SPILLED MATERIAL IN CLEAN, DRY CONTAINERS FOR DISPOSAL. DO NOT FLUSH TO SURFACE WATER.

**Section 07: HANDLING AND STORAGE**

HANDLING PROCEDURES AND ..... AVOID DUST FORMATION. THE SUBSTANCE/PRODUCT IS NON-COMBUSTIBLE.  
 EQUIPMENT  
 STORAGE NEEDS..... KEEP IN A COOL PLACE. KEEP CONTAINER DRY. KEEP CONTAINER IN A WELL-VENTILATED PLACE. GENERAL: SEGREGATE FROM ACIDS AND ACID FORMING SUBSTANCES. SEGREGATE FROM OXIDANTS.

**Section 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

GLOVES/ TYPE..... NATURAL OR SYNTHETIC RUBBER.  
 RESPIRATORY/TYPE..... IF DUSTY CONDITIONS ARE ENCOUNTERED, USE NIOSH/MSHA RESPIRATOR WITH GAS CARTRIDGE AND DUST PRE-FILTER.  
 EYE/TYPE..... CHEMICAL SAFETY GOGGLES.  
 FOOTWEAR/TYPE..... SEE BELOW.  
 CLOTHING/TYPE..... BOOTS, APRONS OR CHEMICAL SUITS AS REQUIRED TO PREVENT SKIN CONTACT.  
 OTHER/TYPE..... N.AV.  
 ENGINEERING CONTROLS..... GENERAL VENTILATION.  
 GENERAL HYGIENE CONSIDERATIONS... HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. WHEN USING, DO NOT EAT, DRINK OR SMOKE. HANDS AND/OR FACE SHOULD BE WASHED BEFORE BREAKS AND AT THE END OF THE SHIFT. .

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... BLUE-GREEN TABLET.  
 ODOUR..... MILD ODOUR.  
 ODOUR THRESHOLD..... N.AV.  
 VAPOUR PRESSURE (MMHG)..... N.AP.  
 VAPOUR DENSITY (AIR=1)  
 BY VOLUME..... N.AP.  
 BY WEIGHT..... N.AP.  
 EVAPORATION RATE..... N.AP.  
 BOILING POINT..... DECOMPOSES AT 900 C.  
 PH..... ALKALINE.  
 SPECIFIC GRAVITY (WATER=1)..... 2.63.  
 BULK DENSITY..... N.AV.  
 SOLUBILITY IN WATER (% W/W)..... 25% AT 80 C.  
 COEFFICIENT OF WATER/OIL DIST..... N.AV.

**Section 10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY:  
 CONDITIONS TO AVOID..... CONTACT WITH ICOMPATIBLES.  
 MATERIALS TO AVOID..... REACTS WITH OXIDIZING AGENTS. REACTS WITH ACIDS. REACTS WITH NITRITES.  
 HAZARDOUS PRODUCTS OF ..... CONTACT WITH STRONG ACIDS OR HIGH TEMPERATURES MAY GENERATE  
 DECOMPOSITION  
 SULFUR DIOXIDE, WHICH IS TOXIC, CORROSIVE, AND HAZARDOUS.  
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

**Section 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL..... N.AV.  
 LC 50 OF MATERIAL, SPECIES & ROUTE.. N.AV.  
 LD 50 OF MATERIAL, SPECIES & ROUTE.. 2825 MG/KG (ORAL-RABBIT).  
 CARCINOGENICITY OF MATERIAL..... IARC: NOT LISTED.  
 REPRODUCTIVE EFFECTS..... N.AV.  
 MUTAGENICITY..... N.AV.  
 TERATOGENICITY..... N.AV.  
 IRRITANCY OF MATERIAL..... SEE SECTION 02.  
 SENSITIZING CAPABILITY OF MATERIAL. N.AV.  
 SYNERGISTIC MATERIALS..... N.AV.

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**Section 12: ECOLOGICAL CONSIDERATIONS**

ECOLOGICAL INFORMATION..... VERY HIGH CONCENTRATIONS WILL CHEMICALLY DEplete DISSOLVED OXYGEN NECESSARY FOR AQUATIC LIFE.

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

**Section 14: TRANSPORT INFORMATION**

TDG CLASSIFICATION..... NOT REGULATED.  
 PROPER SHIPPING NAME..... N.AP.  
 UN NUMBER..... N.AP.  
 PACKING GROUP..... N.AP.  
 SPECIAL SHIPPING INSTRUCTIONS..... NOT REGULATED.

**Section 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION..... D2A.  
 CPR COMPLIANCE..... THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

**Section 16: OTHER INFORMATION**

N.AP.=NOT APPLICABLE

N.AV.=NOT AVAILABLE

OTHER INFORMATION.....

THE DATA IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.