



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

PRODUCT: CHLOR-OUT-TABS

CODE: MUR0046

SECTION 01: IDENTIFICATION

PRODUCT CODE..... MUR0046
 PRODUCT IDENTIFIER..... CHLOR-OUT-TABS
 OTHER MEANS OF IDENTIFICATION..... N.AV.
 RECOMMENDED USE AND N.AV.
 RESTRICTIONS ON USE
 SUPPLIER IDENTIFIER..... MURSATT CHEMICALS LIMITED
 11 REGALCREST COURT
 WOODBRIDGE, ONTARIO
 CANADA
 L4L 8P3
 EMERGENCY PHONE NO..... CANUTEC (613)-996-6666.

SECTION 02: HAZARD IDENTIFICATION

HAZARD CLASSIFICATION..... NOT HAZARDOUS.
 SIGNAL WORD..... NOT HAZARDOUS.
 HAZARD STATEMENT..... N.AP.
 PRECAUTIONARY STATEMENT..... N.AP.
 OTHER HAZARDS..... NONE.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
SODIUM SULPHITE	7757-83-7	35

SECTION 04: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT..... FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 20 MINUTES. HOLD EYELIDS APART TO ENSURE COMPLETE IRRIGATION OF EYE TISSUE. SEEK MEDICAL ATTENTION.
 SKIN CONTACT..... REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.
 INHALATION..... REMOVE VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION ONLY IF BREATHING HAS STOPPED. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
 INGESTION..... IF CONSCIOUS, IMMEDIATELY GIVE 2 TO 4 GLASSES OF WATER OR MILK AND INDUCE VOMITING UNDER MEDICAL SUPERVISION. SEEK IMMEDIATE MEDICAL ATTENTION.

MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE OR DELAYED:

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED IF INGESTION, IRRITATION, ANY TYPE OF OVEREXPOSURE OR SYMPTOMS OF OVEREXPOSURE OCCUR DURING OR PERSISTS AFTER USE OF THIS PRODUCT, CONTACT A POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY; HAVE SAFETY DATA SHEET INFORMATION AVAILABLE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. NOTE TO PHYSICIAN - NO SPECIFIC TREATMENT. TREAT SYMPTOMATICALLY. CONTACT POISON TREATMENT SPECIALIST IMMEDIATELY IF LARGE QUANTITIES HAVE BEEN INGESTED OR INHALED.

SECTION 05: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA..... USE ANY FIRE FIGHTING AGENT APPROPRIATE FOR SURROUNDING MATERIAL; USE WATER SPRAY TO COOL FIRE-EXPOSED SURFACES.
 UNSUITABLE EXTINGUISHING MEDIA..... N.AV.
 SPECIAL HAZARDS ARISING FROM THE PRODUCT: SEE HAZARDOUS COMBUSTION PRODUCTS.
 HAZARDOUS COMBUSTION PRODUCTS. SODIUM SULFITE IS FORMED AT 600°C, RESIDUE IS FLAMMABLE. MAY YIELD SULPHUR DIOXIDE GAS UPON DECOMPOSITION AT 900°C. INERT INGREDIENTS COULD SUPPORT COMBUSTION BY BURNING, YIELDING CARBON DIOXIDE AND WATER.

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SECTION 05: FIRE FIGHTING MEASURES

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: WEAR NIOSH/MSHA - APPROVED, POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE. ISOLATE THE SCENE BY REMOVING ALL PERSONS FROM THE VICINITY OF THE INCIDENT IF THERE IS A FIRE. NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR WITHOUT SUITABLE TRAINING. MOVE CONTAINERS FROM FIRE AREA IF THIS CAN BE DONE WITHOUT RISK. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS..... WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT IF REQUIRED.
 ENVIRONMENTAL PRECAUTIONS..... PROVIDE VENTILATION TO CLEAR SULPHUR DIOXIDE FUMES WHICH MAY FORM.
 METHODS AND MATERIALS FOR DO NOT ALLOW TO ENTER DRAINS, SEWERS OR WATERCOURSES.
 CONTAINMENT AND CLEANING UP PLACE SPILLED MATERIAL IN CLEAN, DRY CONTAINERS FOR DISPOSAL. DO NOT FLUSH TO SURFACE WATER.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:..... AVOID DUST FORMATION. USE PROPER EQUIPMENT FOR LIFTING AND TRANSPORTING ALL CONTAINERS. USE SENSIBLE INDUSTRIAL HYGIENE AND HOUSEKEEPING PRACTICES. WASH THOROUGHLY AFTER HANDLING. AVOID ALL SITUATIONS THAT COULD LEAD TO HARMFUL EXPOSURE.
 CONDITIONS FOR SAFE STORAGE, KEEP PRODUCT DRY AND IN A TIGHTLY CLOSED CONTAINER WHEN NOT IN USE.
 INCLUDING ANY INCOMPATIBILITIES: STORE IN CONTAINER WHERE TEMPERATURES DO NOT EXCEED 125°F. PARTIALLY USED, WET OR UNWANTED PRODUCT MAY BE DISPOSED OF IN A SANITARY LANDFILL. DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL OF THIS PRODUCT.

SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
SODIUM SULPHITE	N.A.V.	N.A.V.	N.A.V.	N.A.V.	N.A.V.	N.A.V.
APPROPRIATE ENGINEERING CONTROLS GENERAL VENTILATION. LOCAL EXHAUST AS NEEDED. INDIVIDUAL PROTECTION MEASURE SUCH AS PERSONAL PROTECTIVE EQUIPMENTS: HAND PROTECTION..... NATURAL OR SYNTHETIC RUBBER GLOVES. RESPIRATORY PROTECTION..... RESPIRATORY PROTECTION IS NOT REQUIRED UNDER NORMAL USE, HOWEVER WHEN NECESSARY, USE NIOSH/MSHA APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS. NIOSH APPROVED DUST MASK IS ESSENTIAL WHERE DUSTING MAY OCCUR. EYE PROTECTION..... CHEMICAL SPLASH GOGGLES AND FACE SHIELD. PROTECTIVE CLOTHING..... BOOTS, APRONS OR CHEMICAL SUITS AS REQUIRED TO PREVENT SKIN CONTACT. PROTECTIVE FOOTWEAR..... SEE ABOVE. OTHER..... ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE WORKSTATION LOCATION. HYGIENIC PRACTICES..... WASH HANDS, FOREARMS AND FACE THOROUGHLY AFTER HANDLING CHEMICAL PRODUCTS, BEFORE EATING, SMOKING, USING THE LAVATORY AND AT THE END OF THE WORKING PERIOD. APPROPRIATE TECHNIQUES SHOULD BE USED TO REMOVE POTENTIALLY CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSING.						

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... SOLID.
 COLOR..... GREEN TABLET.
 ODOUR..... MILD ODOUR.
 ODOUR THRESHOLD..... N.A.V.
 PH..... ALKALINE.
 MELTING/FREEZING POINT..... N.A.V.
 BOILING POINT..... DECOMPOSES AT 900 C.
 FLASH POINT (C), METHOD..... N.A.P.
 EVAPORATION RATE..... N.A.P.
 FLAMMABILITY (SOLIDS AND GASES)..... N.A.V.
 UPPER FLAMMABLE LIMIT (% BY VOL.)... N.A.P.
 LOWER FLAMMABLE LIMIT (% BY VOL.)... N.A.P.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

VAPOUR PRESSURE (MMHG)..... N.AP.
 VAPOUR DENSITY (AIR=1)
 RELATIVE DENSITY..... 2.63.
 SOLUBILITY IN WATER (% W/W)..... 25% AT 80 C.
 COEFFICIENT OF WATER/OIL DIST..... N.AV.
 AUTO IGNITION TEMPERATURE..... N.AP.
 DECOMPOSITION TEMPERATURE..... 900 C.
 VISCOSITY..... N.AP.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:..... STABLE UNDER NORMAL CONDITIONS.
 CHEMICAL STABILITY:..... STABLE UNDER NORMAL CONDITIONS.
 POSSIBILITY OF HAZARDOUS REACTIONS:..... DO NOT MIX WITH ACIDS OR OXIDIZING AGENTS. FIRE OR EXPLOSION COULD RESULT.
 CONDITIONS TO AVOID..... CONTACT WITH INCOMPATIBLES. AVOID MOISTURE AND HIGH HUMIDITY. HIGH TEMPERATURES YIELD SULFUR DIOXIDE GAS AND SODIUM SULFITE RESIDUE.
 INCOMPATIBLE MATERIALS:..... STRONG OXIDIZERS CAUSE VIGOROUS EXOTHERMIC REACTIONS. ACIDS RELEASE SULFUR DIOXIDE GAS.
 HAZARDOUS PRODUCTS OF DECOMPOSITION..... SULFUR DIOXIDE GAS (SO₂) IS TOXIC, CORROSIVE AND AN OXIDIZER. SODIUM SULFITE RESIDUE (NA₂S) IS FLAMMABLE AND A STRONG IRRITANT TO SKIN AND TISSUE.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
SODIUM SULPHITE	N.AV.	N.AV.
INFORMATION ON LIKELY ROUTES OF ENTRY:		
SKIN CONTACT.....	DUST MAY CAUSE SKIN IRRITATION FROM PROLONGED CONTACT. SOLUTIONS WILL IRRITATE SKIN.	
SKIN ABSORPTION.....	N.AV.	
EYE CONTACT.....	DUST MAY IRRITATE OR BURN EYES. SOLUTIONS WILL IRRITATE OR BURN EYES.	
INHALATION.....	INHALATION OF PRODUCT DUST OR SOLUTION MAY CAUSE RESPIRATORY TRACT IRRITATION.	
INGESTION.....	INGESTION MAY IRRITATE GASTROINTESTINAL TRACT. MAY CAUSE SEVERE ALLERGIC REACTION IN SOME ASTHMATICS AND SULFITE SENSITIVE INDIVIDUALS. LARGE DOSES MAY CAUSE VIOLENT COLIC AND DIARRHEA, CIRCULATORY DISTURBANCES, CENTRAL NERVOUS SYSTEM DEPRESSION AND EVEN DEATH.	
EFFECTS OF ACUTE EXPOSURE.....	SEE ABOVE.	
EFFECTS OF CHRONIC EXPOSURE.....	SODIUM SULFITE MAY CAUSE ALLERGIC REACTIONS IN SENSITIVE INDIVIDUALS.	
SIGNS AND SYMPTOMS OF OVEREXPOSURE	INHALATION - ADVERSE SYMPTOMS MAY INCLUDE RESPIRATORY TRACT IRRITATION. INGESTION - ADVERSE SYMPTOMS MAY INCLUDE GASTROINTESTINAL TRACT IRRITATION. TOXIC IN LARGE DOSES. SKIN - ADVERSE SYMPTOMS MAY INCLUDE PAIN OR IRRITATION. EYES - ADVERSE SYMPTOMS MAY INCLUDE PAIN. PRE-EXISTING DISORDERS INVOLVING ANY TARGET ORGANS MENTIONED IN THIS SDS AS BEING AT RISK MAY BE AGGRAVATED BY OVEREXPOSURE TO THIS PRODUCT.	
CARCINOGENICITY OF MATERIAL.....	CAS# 7757-83-7, NOT LISTED BY IARC.	
TERATOGENICITY.....	N.AV.	
MUTAGENICITY.....	N.AV.	
REPRODUCTIVE EFFECTS.....	N.AV.	
SENSITIZING CAPABILITY OF MATERIAL	N.AV.	
SYNERGISTIC MATERIALS.....	N.AV.	

SECTION 12: ECOLOGICAL CONSIDERATIONS

ECOTOXICITY..... N.AV.
 PERSISTENCE AND DEGRADATION..... N.AV.
 BIOACCUMULATIVE POTENTIAL..... N.AV.
 MOBILITY IN SOIL..... N.AV.
 OTHER ADVERSE EFFECTS..... N.AV.

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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:..... DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER..... N.AP.
 PROPER SHIPPING NAME..... N.AP.
 TDG CLASSIFICATION..... NOT REGULATED.
 PACKING GROUP..... N.AP.
 ENVIRONMENTAL HAZARDS ACCORDING TO THE INTERNATIONAL MARITIME DANGEROUS GOODS CODE AND THE UNITED NATIONS MODEL REGULATIONS: N.AV.
 SPECIAL PRECAUTIONS IN CONNECTION WITH TRANSPORT OR CONVEYANCE EITHER WITHIN OR OUTSIDE THE PREMISES: N.AV.

SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC TO THE PRODUCT: N.AV.

SECTION 16: OTHER INFORMATION

N.AV.=NOT AVAILABLE
 N.AP.=NOT APPLICABLE

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.

PREPARED BY..... REGULATORY AFFAIRS
 PREPARATION DATE..... APR 18/2017