



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

PRODUCT: COVER CARE

CODE: MUR0006

SECTION 01: IDENTIFICATION

PRODUCT CODE..... MUR0006
 PRODUCT IDENTIFIER..... COVER CARE
 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..... FLAMMABLE LIQUIDS - CATEGORY 3. ACUTE TOXICITY (ORAL) - CATEGORY 4. SERIOUS EYE DAMAGE - CATEGORY 1. SKIN CORROSION - CATEGORY 1B. ACUTE TOXICITY (INHALATION) — CATEGORY 4. SPECIFIC TARGET ORGAN TOXICITY — REPEATED EXPOSURE — CATEGORY 2 (INHALATION).

SIGNAL WORD..... DANGER.

HAZARD STATEMENT..... H226 FLAMMABLE LIQUID AND VAPOUR. H302 HARMFUL IF SWALLOWED. H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. H318 CAUSES SERIOUS EYE DAMAGE. H332 HARMFUL IF INHALED. H373 MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

PRECAUTIONARY STATEMENT..... P210 KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. – NO SMOKING. P233 KEEP CONTAINER TIGHTLY CLOSED. P240 GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. P241 USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT. P242 USE ONLY NON-SPARKING TOOLS. P260 DO NOT BREATHE DUST/FUME/GAS/MIST/VAPOURS/SPRAY. P262 DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. P264 WASH SKIN THOROUGHLY AFTER HANDLING. P270 DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. P271 USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P301+P312 IF SWALLOWED: CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL. P301+P330+P331 IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P303+P361+P353 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER. P304+P340+P310 IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN. P305+P351+P338+P310 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN. P321 SPECIFIC TREATMENT (SEE SUPPLEMENTAL FIRST AID INSTRUCTIONS ON THE SAFETY DATA SHEET). P363 WASH CONTAMINATED CLOTHING BEFORE REUSE. P403+P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL. P501 DISPOSE OF CONTENTS/CONTAINER TO APPROPRIATE WASTE SITE OR RECLAIMER IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS.

OTHER HAZARDS..... NONE.

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SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
NONYLPHENOL ETHOXYLATE	9016-45-9	1-5. 5
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE TETRAHYDRATE	13235-36-4	2.5
SODIUM CARBONATE	497-19-8	3

SECTION 04: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:	
EYE CONTACT.....	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.
SKIN CONTACT.....	TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. CHEMICAL BURNS MUST BE TREATED BY A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.
INHALATION.....	REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.
INGESTION.....	CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. RINSE MOUTH. DO NOT INDUCE VOMITING.
MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE OR DELAYED:	BURNING PAIN AND SEVERE CORROSIVE SKIN DAMAGE. CAUSES SERIOUS EYE DAMAGE. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. PERMANENT EYE DAMAGE INCLUDING BLINDNESS COULD RESULT.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY. THERMAL BURNS: FLUSH WITH WATER IMMEDIATELY. WHILE FLUSHING, REMOVE CLOTHES WHICH DO NOT ADHERE TO AFFECTED AREA. CALL AN AMBULANCE. CONTINUE FLUSHING DURING TRANSPORT TO HOSPITAL. CHEMICAL BURNS: FLUSH WITH WATER IMMEDIATELY. WHILE FLUSHING, REMOVE CLOTHES WHICH DO NOT ADHERE TO AFFECTED AREA. CALL AN AMBULANCE. CONTINUE FLUSHING DURING TRANSPORT TO HOSPITAL. KEEP VICTIM WARM. KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED. MAY CAUSE ASTHMA-LIKE (REACTIVE AIRWAYS) SYMPTOMS. BRONCHODILATORS, EXPECTORANTS, ANTITUSSIVES AND CORTICOSTEROIDS MAY BE OF HELP. CHEMICAL EYE BURNS MAY REQUIRE EXTENDED IRRIGATION. OBTAIN PROMPT CONSULTATION, PREFERABLY FROM AN OPHTHALMOLOGIST. NO SPECIFIC ANTIDOTE. TREATMENT OF EXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT. REPEATED EXCESSIVE EXPOSURE MAY AGGRAVATE PREEXISTING LUNG DISEASE. TAKE OFF ALL CONTAMINATED CLOTHING IMMEDIATELY. ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE. WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 05: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA.....	ALCOHOL RESISTANT FOAM. WATER FOG. DRY CHEMICAL POWDER. CARBON DIOXIDE (CO2).
UNSUITABLE EXTINGUISHING MEDIA.....	DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS WILL SPREAD THE FIRE.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. DURING FIRE, GASES HAZARDOUS TO HEALTH MAY BE FORMED.
HAZARDOUS COMBUSTION PRODUCTS. SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:	OXIDES OF CARBON. ACRID SMOKE AND IRRITATING FUMES. AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR. IN CASE OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK. USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED MATERIALS.

SECTION 06: ACCIDENTAL RELEASE MEASURES

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SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

APPROPRIATE ENGINEERING CONTROLS	EXPLOSION-PROOF GENERAL AND LOCAL EXHAUST VENTILATION. GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS. IF APPLICABLE, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL.
INDIVIDUAL PROTECTION MEASURE SUCH AS PERSONAL PROTECTIVE EQUIPMENTS:	
HAND PROTECTION.....	WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES.
RESPIRATORY PROTECTION.....	IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS (WHERE APPLICABLE) OR TO AN ACCEPTABLE LEVEL (IN COUNTRIES WHERE EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED), AN APPROVED RESPIRATOR MUST BE WORN.
EYE PROTECTION.....	WEAR CHEMICAL GOGGLES. USE A FACE SHIELD IF SPLASHING IS POSSIBLE.
PROTECTIVE CLOTHING.....	WEAR APPROPRIATE CHEMICAL RESISTANT CLOTHING.
PROTECTIVE FOOTWEAR.....	WEAR APPROPRIATE PROTECTIVE FOOTWEAR.
OTHER.....	EYEWASH STATION AND SAFETY SHOWER IN WORK AREA.
HYGIENIC PRACTICES.....	WHEN USING DO NOT SMOKE. KEEP AWAY FROM FOOD AND DRINK. ALWAYS OBSERVE GOOD PERSONAL HYGIENE MEASURES, SUCH AS WASHING AFTER HANDLING THE MATERIAL AND BEFORE EATING, DRINKING, AND/OR SMOKING. ROUTINELY WASH WORK CLOTHING AND PROTECTIVE EQUIPMENT TO REMOVE CONTAMINANTS.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....	LIQUID.
COLOR.....	WATER-WHITE.
ODOUR.....	SLIGHT SWEET.
ODOUR THRESHOLD.....	N.AV.
PH.....	11.3.
FREEZING/MELTING POINT.....	N.AV.
BOILING POINT.....	N.AV.
FLASH POINT (C), METHOD.....	N.AV.
EVAPORATION RATE.....	N.AV.
FLAMMABILITY (SOLIDS AND GASES).....	N.AV.
UPPER FLAMMABLE LIMIT (% BY VOL.)...	N.AV.
LOWER FLAMMABLE LIMIT (% BY VOL.)...	N.AV.
VAPOUR PRESSURE (MMHG).....	N.AV.
VAPOUR DENSITY (AIR=1).....	N.AV.
RELATIVE DENSITY.....	1.10.
SOLUBILITY IN WATER (% W/W).....	SOLUBLE.
COEFFICIENT OF WATER/OIL DIST.....	N.AV.
AUTO IGNITION TEMPERATURE.....	N.AV.
DECOMPOSITION TEMPERATURE.....	N.AV.
VISCOSITY.....	NO DATA.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:.....	HAZARDOUS POLYMERISATION WILL NOT OCCUR.
CHEMICAL STABILITY:.....	STABLE UNDER RECOMMENDED HANDLING AND STORAGE CONDITIONS.
POSSIBILITY OF HAZARDOUS REACTIONS:	
CONDITIONS TO AVOID.....	KEEP AWAY FROM HEAT AND SOURCES OF IGNITION. CONTACT WITH INCOMPATIBLES.
INCOMPATIBLE MATERIALS:.....	STRONG OXIDIZING AGENTS. ACIDS. MAY BE CORROSIVE TO ALUMINUM, LEAD, AND ZINC AND ZINC BRASSES WHEN IN SOLUTION. FLAMMABLE HYDROGEN MAY BE GENERATED FROM CONTACT WITH METALS SUCH AS: ALUMINUM.
HAZARDOUS PRODUCTS OF DECOMPOSITION	IRRITATING VAPORS. TOXIC FUMES. DECOMPOSITION PRODUCTS CAN INCLUDE AND ARE NOT LIMITED TO: CARBON MONOXIDE. CARBON DIOXIDE. AMMONIA. NITROGEN OXIDES.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
NONYLPHENOL ETHOXYLATE	N.AV.	1310 MG/KG (ORAL, RAT); >50 G/KG (ORAL, MOUSE); 2 ML/KG (DERMAL, RABBIT)

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SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
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TETRASODIUM ETHYLENEDIAMINE TETRAACETATE
TETRAHYDRATE

N.AV.

N.AV.

SODIUM CARBONATE

N.AV.

4090 MG/KG (ORAL, RAT); 2210
MG/KG (DERMAL, MOUSE)INFORMATION ON LIKELY ROUTES OF
ENTRY:

SKIN CONTACT..... CAUSES SEVERE SKIN BURNS.
 SKIN ABSORPTION..... N.AV.
 EYE CONTACT..... CAUSES SERIOUS EYE DAMAGE.
 INHALATION..... MAY CAUSE IRRITATION TO THE RESPIRATORY SYSTEM. PROLONGED
 INHALATION MAY BE HARMFUL.
 INGESTION..... CAUSES DIGESTIVE TRACT BURNS. HARMFUL IF SWALLOWED.
 EFFECTS OF ACUTE EXPOSURE..... SEE ABOVE.
 EFFECTS OF CHRONIC EXPOSURE..... PROLONGED INHALATION MAY BE HARMFUL.

SIGNS AND SYMPTOMS OF
OVEREXPOSURE

CARCINOGENICITY OF MATERIAL..... NONE OF THE INGREDIENTS ARE 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.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN NUMBER..... 1760.
 PROPER SHIPPING NAME..... CORROSIVE LIQUIDS, N.O.S. (ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE).
 TDG CLASSIFICATION..... 8.
 PACKING GROUP..... II.
 ENVIRONMENTAL HAZARDS ACCORDING
 TO THE INTERNATIONAL MARITIME
 DANGEROUS GOODS CODE AND THE
 UNITED NATIONS MODEL REGULATIONS:
 SPECIAL PRECAUTIONS IN CONNECTION
 WITH TRANSPORT OR CONVEYANCE
 EITHER WITHIN OR OUTSIDE THE
 PREMISES:

SECTION 15: REGULATORY INFORMATIONSAFETY, HEALTH AND ENVIRONMENTAL N.AV.
REGULATIONS SPECIFIC TO THE
PRODUCT:**SECTION 16: OTHER INFORMATION**N.AV.=NOT AVAILABLE
N.AP.=NOT APPLICABLEOTHER 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

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SECTION 16: OTHER INFORMATION

OTHER INFORMATION..... 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