



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

PRODUCT: ESSENCE

CODE: MUR0071

SECTION 01: IDENTIFICATION

PRODUCT CODE..... MUR0071
 PRODUCT IDENTIFIER..... ESSENCE
 OTHER MEANS OF IDENTIFICATION.... N.A.V.
 RECOMMENDED USE AND SPA WATER TREATMENT.
 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..... SERIOUS EYE DAMAGE - CATEGORY 1.
 SIGNAL WORD..... DANGER.
 HAZARD STATEMENT..... H318 CAUSES SERIOUS EYE DAMAGE.
 PRECAUTIONARY STATEMENT..... P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P310 IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.
 OTHER HAZARDS..... NONE.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	5
SILOXANES AND SILICONES, DIMETHYL-	63148-62-9	1

SECTION 04: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT..... 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/DOCTOR.

SKIN CONTACT..... FLUSH WITH COOL WATER. WASH WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION..... IF SYMPTOMS DEVELOP MOVE VICTIM TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.

INGESTION..... RINSE MOUTH. DO NOT INDUCE VOMITING. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD TO REDUCE RISK OF ASPIRATION. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS, OR IS CONVULSING. OBTAIN MEDICAL ATTENTION.

MOST IMPORTANT SYMPTOMS AND ... SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. PERMANENT EYE DAMAGE EFFECTS, ACUTE OR DELAYED: INCLUDING BLINDNESS COULD RESULT.

INDICATION OF ANY IMMEDIATE PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY. MEDICAL ATTENTION AND SPECIAL KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED. TREAT TREATMENT NEEDED PATIENT SYMPTOMATICALLY.

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SECTION 04: FIRST AID MEASURES

GENERAL..... IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE). 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. AVOID CONTACT WITH EYES AND SKIN. KEEP OUT OF REACH OF CHILDREN.

SECTION 05: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA..... WATER FOG. FOAM. DRY CHEMICAL POWDER. CARBON DIOXIDE.
 UNSUITABLE EXTINGUISHING MEDIA.. DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS WILL SPREAD THE FIRE.
 SPECIAL HAZARDS ARISING FROM THE DURING FIRE, GASES HAZARDOUS TO HEALTH MAY BE FORMED.
 PRODUCT:
 HAZARDOUS COMBUSTION PRODUCTS MAY INCLUDE AND ARE NOT LIMITED TO: OXIDES OF CARBON. HYDROGEN CHLORIDE.
 SPECIAL PROTECTIVE EQUIPMENT SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING AND PRECAUTIONS FOR FIRE-FIGHTERS: MUST BE WORN IN CASE OF FIRE. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK. USE STANDARD FIRE-FIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED MATERIALS.

SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS..... KEEP UNNECESSARY PERSONNEL AWAY. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING CLEAN-UP. DO NOT TOUCH DAMAGED CONTAINERS OR SPILLED MATERIAL UNLESS WEARING APPROPRIATE PROTECTIVE CLOTHING. ENSURE ADEQUATE VENTILATION. FOR PERSONAL PROTECTION, SEE SECTION 8.
 ENVIRONMENTAL PRECAUTIONS..... AVOID DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DO NOT DISCHARGE INTO LAKES, STREAMS, PONDS OR PUBLIC WATERS.
 METHODS AND MATERIALS FOR PREVENT ENTRY INTO WATERWAYS, SEWER, BASEMENTS OR CONFINED AREAS.
 CONTAINMENT AND CLEANING UP LARGE SPILLS: STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. DIKE THE SPILLED MATERIAL, WHERE THIS IS POSSIBLE. COVER WITH PLASTIC SHEET TO PREVENT SPREADING. ABSORB IN VERMICULITE, DRY SAND OR EARTH AND PLACE INTO CONTAINERS. FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER. SMALL SPILLS: WIPE UP WITH ABSORBENT MATERIAL (E.G. CLOTH, FLEECE). CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION. NEVER RETURN SPILLS TO ORIGINAL CONTAINERS FOR RE-USE.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING.: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. PROVIDE ADEQUATE VENTILATION. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. WASH THOROUGHLY AFTER HANDLING. USE GOOD INDUSTRIAL HYGIENE PRACTICES IN HANDLING THIS MATERIAL. WHEN USING DO NOT EAT OR DRINK.
 CONDITIONS FOR SAFE STORAGE, STORE IN ORIGINAL TIGHTLY CLOSED CONTAINER. KEEP OUT OF REACH OF INCLUDING ANY INCOMPATIBILITIES: CHILDREN. STORE IN A COOL, DRY PLACE OUT OF DIRECT SUNLIGHT.

SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
ALCOHOLS, C9-11, ETHOXYLATED	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.
SILOXANES AND SILICONES, DIMETHYL-	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.
APPROPRIATE ENGINEERING CONTROLS	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:						
EYE PROTECTION.....	WEAR SAFETY GLASSES WITH SIDE SHIELDS.					
HAND PROTECTION.....	IMPERVIOUS GLOVES. CONFIRM WITH REPUTABLE SUPPLIER FIRST.					

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SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY PROTECTION..... WHERE EXPOSURE GUIDELINE LEVELS MAY BE EXCEEDED, USE AN APPROVED NIOSH RESPIRATOR.
 PROTECTIVE CLOTHING..... WEAR SUITABLE PROTECTIVE CLOTHING.
 PROTECTIVE FOOTWEAR..... WEAR SUITABLE PROTECTIVE FOOTWEAR.
 OTHER..... ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE WORKSTATION LOCATION.
 GENERAL HYGIENE CONSIDERATIONS WHEN USING DO NOT EAT OR DRINK.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... LIQUID.
 COLOR..... AMBER.
 ODOUR..... N.AV.
 ODOUR THRESHOLD..... N.AV.
 PH..... 2 - 4.
 BOILING POINT..... N.AV.
 MELTING/FREEZING 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..... 1.0 TO 1.1.
 SOLUBILITY IN WATER (% W/W)..... COMPLETE.
 COEFFICIENT OF WATER/OIL DIST..... N.AV.
 AUTO IGNITION TEMPERATURE..... N.AV.
 DECOMPOSITION TEMPERATURE..... N.AV.
 VISCOSITY..... N.AV.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:..... THIS PRODUCT MAY REACT WITH STRONG OXIDIZING AGENTS.
 CHEMICAL STABILITY:..... MATERIAL IS STABLE UNDER NORMAL CONDITIONS.
 POSSIBILITY OF HAZARDOUS NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.
 REACTIONS:
 CONDITIONS TO AVOID..... DO NOT MIX WITH OTHER CHEMICALS.
 INCOMPATIBLE MATERIALS:..... STRONG OXIDIZING AGENTS.
 HAZARDOUS PRODUCTS OF MAY INCLUDE AND ARE NOT LIMITED TO: HYDROGEN CHLORIDE. OXIDES OF
 DECOMPOSITION CARBON.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
ALCOHOLS, C9-11, ETHOXYLATED	> 20 MG/L, 1 HOURS (INH, RAT)	1200 MG/KG (ORAL, RAT); > 5000 MG/KG (DERMAL, RAT)
SILOXANES AND SILICONES, DIMETHYL-	11.6 MG/L/4H, CCOHS (INH, RAT)	> 17000 MG/KG (ORAL, RAT); > 2000 MG/KG (DERMAL, RABBIT)
INFORMATION ON LIKELY ROUTES OF ENTRY:		
SKIN CONTACT.....	NO ADVERSE EFFECTS DUE TO SKIN CONTACT ARE EXPECTED.	
SKIN ABSORPTION.....	N.AV.	
EYE CONTACT.....	CAUSES SERIOUS EYE DAMAGE.	
INHALATION.....	NO ADVERSE EFFECTS DUE TO INHALATION ARE EXPECTED.	
INGESTION.....	MAY CAUSE STOMACH DISTRESS, NAUSEA OR VOMITING.	
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND	SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. PERMANENT EYE DAMAGE INCLUDING BLINDNESS COULD RESULT.	
TOXICOLOGICAL CHARACTERISTICS: EFFECTS OF ACUTE EXPOSURE.....	SEE ABOVE.	
EFFECTS OF CHRONIC EXPOSURE.. INHALATION, CHRONIC.....	PROLONGED SKIN CONTACT MAY CAUSE TEMPORARY IRRITATION. N.AV.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE		
CARCINOGENICITY OF MATERIAL.....	NON-HAZARDOUS BY WHMIS CRITERIA.	
TERATOGENICITY.....	N.AV.	
MUTAGENICITY.....	NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN 0.1% ARE MUTAGENIC OR GENOTOXIC.	

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SECTION 11: TOXICOLOGICAL INFORMATION

REPRODUCTIVE EFFECTS.....	THIS PRODUCT IS NOT EXPECTED TO CAUSE REPRODUCTIVE OR DEVELOPMENTAL EFFECTS.
IRRITANCY OF MATERIAL.....	SEE ABOVE.
SENSITIZING CAPABILITY OF MATERIAL.....	NOT A RESPIRATORY SENSITIZER. THIS PRODUCT IS NOT EXPECTED TO CAUSE SKIN SENSITISATION.
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.....	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.
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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	
PREPARATION DATE	
PREPARATION DATE.....	OCT 18/2018