



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

**PRODUCT: QUICK CYA**

**CODE: MUR0073**

### SECTION 01: IDENTIFICATION

PRODUCT CODE..... MUR0073  
 PRODUCT IDENTIFIER..... QUICK CYA  
 OTHER MEANS OF IDENTIFICATION.... N.A.V.  
 RECOMMENDED USE AND ..... POOL 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..... NOT HAZARDOUS.  
 SIGNAL WORD..... NOT HAZARDOUS.  
 HAZARD STATEMENT..... N.A.P.  
 PRECAUTIONARY STATEMENT..... N.A.P.  
 OTHER HAZARDS..... NONE.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
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THIS PRODUCT IS CONSIDERED NON HAZARDOUS BY  
WHMIS/OSHA CRITERIA

### SECTION 04: FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT..... FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. REMOVE CONTACT LENSES IF WORN. IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

SKIN CONTACT..... WASH OFF WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS AND PERSISTS.

INHALATION..... REMOVE TO FRESH AIR. IF IRRITATION OR DISCOMFORT PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION..... 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 ... DIRECT CONTACT WITH EYES MAY CAUSE TEMPORARY IRRITATION.  
 EFFECTS, ACUTE OR DELAYED:  
 INDICATION OF ANY IMMEDIATE ..... PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY.  
 MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED. TREAT PATIENT SYMPTOMATICALLY.

### SECTION 05: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA..... TREAT FOR SURROUNDING MATERIAL.  
 UNSUITABLE EXTINGUISHING MEDIA.. DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS WILL SPREAD THE FIRE.  
 SPECIAL HAZARDS ARISING FROM THE PRODUCT: MAY DECOMPOSE IN A FIRE TO FORM EXPLOSIVE, CORROSIVE AND HIGHLY TOXIC ISOCYANIC ACID GAS AND TOXIC AND IRRITATING NITROGEN OXIDES.  
 HAZARDOUS COMBUSTION PRODUCTS SEE SPECIAL HAZARDS ARISING FROM THE PRODUCT ABOVE. MAY INCLUDE AND ARE NOT LIMITED TO: TOXIC FUMES. OXIDES OF NITROGEN.  
 SPECIAL PROTECTIVE EQUIPMENT .... SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING  
 AND PRECAUTIONS FOR MUST BE WORN IN CASE OF FIRE. . USE WATER SPRAY TO COOL UNOPENED  
 FIRE-FIGHTERS: CONTAINERS. USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED MATERIALS. .

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**SECTION 06: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS..... KEEP UNNECESSARY PERSONNEL AWAY. AVOID INHALATION OF DUST FROM THE SPILLED MATERIAL. USE A NIOSH/MSHA APPROVED RESPIRATOR IF THERE IS A RISK OF EXPOSURE TO DUST/FUME AT LEVELS EXCEEDING THE EXPOSURE LIMITS. DO NOT TOUCH DAMAGED CONTAINERS OR SPILLED MATERIAL UNLESS WEARING APPROPRIATE PROTECTIVE CLOTHING. FOR PERSONAL PROTECTION, SEE SECTION 8 OF THE SDS.

ENVIRONMENTAL PRECAUTIONS..... DO NOT DISCHARGE INTO LAKES, STREAMS, PONDS OR PUBLIC WATERS.  
 METHODS AND MATERIALS FOR ..... FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER. FOR WASTE  
 CONTAINMENT AND CLEANING UP DISPOSAL, SEE SECTION 13 OF THE SDS. PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS. BEFORE ATTEMPTING CLEAN UP, REFER TO HAZARD DATA GIVEN ABOVE. USE BROOM OR DRY VACUUM TO COLLECT MATERIAL FOR PROPER DISPOSAL WITHOUT RAISING DUST. RINSE AREA WITH WATER. PREVENT LARGE SPILLS FROM ENTERING SEWERS OR WATERWAYS.

**SECTION 07: HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING:.. MINIMIZE DUST GENERATION AND ACCUMULATION. AVOID BREATHING DUST. 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 A CLOSED CONTAINER AWAY FROM INCOMPATIBLE MATERIALS. STORE INCLUDING ANY IMCOMPATIBILITES: AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10 OF THE SDS). KEEP OUT OF REACH OF CHILDREN. AVOID EXCESSIVE HEAT.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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.
INDIVIDUAL PROTECTION MEASURE SUCH AS PERSONAL PROTECTIVE EQUIPMENTS:						
HAND PROTECTION.....						RUBBER GLOVES.
RESPIRATORY PROTECTION.....						USE AN APPROVED NIOSH RESPIRATOR. RESPIRATOR SHOULD BE SELECTED BY AND USED UNDER THE DIRECTION OF A TRAINED HEALTH AND SAFETY PROFESSIONAL FOLLOWING REQUIREMENTS FOUND IN OSHA'S RESPIRATOR STANDARD (29 CFR 1910.134), CAN/CSA-Z94.4 AND ANSI'S STANDARD FOR RESPIRATORY PROTECTION (Z88.2).
EYE PROTECTION.....						CHEMICAL SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL SAFETY GOGGLES.
PROTECTIVE CLOTHING.....						SUITABLE PROTECTIVE CLOTHING.
PROTECTIVE FOOTWEAR.....						WEAR SUITABLE PROTECTIVE FOOTWEAR.
OTHER.....						EYE WASH FOUNTAINS RECOMMENDED IN ALL STORAGE AND HANDLING AREAS.
HYGIENIC PRACTICES.....						WASH HANDS BEFORE BREAKS AND IMMEDIATELY AFTER HANDLING THE PRODUCT. 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..... SOLID. POWDER.

COLOR..... WHITE.

ODOUR..... ODOURLESS.

ODOUR THRESHOLD

PH..... NEUTRAL (1% SOLUTION).

MELTING/FREEZING POINT..... N.AV.

BOILING POINT..... N.AP.

FLASH POINT (C), METHOD..... N.AP.

EVAPORATION RATE..... N.AV.

FLAMMABILITY (SOLIDS AND GASES).. N.AV.

UPPER FLAMMABLE LIMIT (% BY VOL.) N.AP.

LOWER FLAMMABLE LIMIT (% BY VOL.) N.AP.

VAPOUR PRESSURE (MMHG)..... N.AP.

VAPOUR DENSITY (AIR=1)..... N.AP.

RELATIVE DENSITY..... N.AV.

SOLUBILITY IN WATER (% W/W)..... SLIGHTLY.

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**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

COEFFICIENT OF WATER/OIL DIST..... N.AV.  
 AUTO IGNITION TEMPERATURE..... N.AV.  
 DECOMPOSITION TEMPERATURE..... N.AV.  
 VISCOSITY..... N.AP.

**SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY:..... THE PRODUCT IS STABLE AND NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT. . MAY REACT WITH STRONG OXIDIZING AGENTS. THIS PRODUCT MAY REACT WITH STRONG ACIDS.  
 CHEMICAL STABILITY:..... MATERIAL IS STABLE UNDER NORMAL CONDITIONS.  
 POSSIBILITY OF HAZARDOUS REACTIONS:..... NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.  
 REACTIONS:  
 CONDITIONS TO AVOID..... CONTACT WITH ICOMPATIBLES.  
 INCOMPATIBLE MATERIALS:..... STRONG ACIDS. STRONG OXIDIZERS. ALKALINE METALS. ALCOHOLS. PHENOLS.  
 HAZARDOUS PRODUCTS OF DECOMPOSITION..... INCLUDE AND ARE NOT LIMITED TO: TOXIC FUMES. OXIDES OF NITROGEN.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS

LC50

LD50

INFORMATION ON LIKELY ROUTES OF ENTRY:

SKIN CONTACT..... NO ADVERSE EFFECTS DUE TO SKIN CONTACT ARE EXPECTED.  
 SKIN ABSORPTION..... SEE ABOVE.  
 EYE CONTACT..... DIRECT CONTACT WITH EYES MAY CAUSE TEMPORARY IRRITATION.  
 INHALATION..... NO ADVERSE EFFECTS DUE TO INHALATION ARE EXPECTED.  
 INGESTION..... MAY CAUSE STOMACH DISTRESS, NAUSEA OR VOMITING.  
 EFFECTS OF ACUTE EXPOSURE..... SEE ABOVE.  
 EFFECTS OF CHRONIC EXPOSURE.. PROLONGED SKIN CONTACT MAY CAUSE TEMPORARY IRRITATION.  
 SIGNS AND SYMPTOMS OF OVEREXPOSURE..... EYE AND SKIN CONTACT: EXPOSURE MAY CAUSE TEMPORARY IRRITATION, REDNESS, OR DISCOMFORT. FOR INGESTION, CONSUMING LESS THAN A FEW GRAMS WOULD NOT BE HARMFUL. THE FOLLOWING EFFECTS WERE OBSERVED AFTER INGESTING AN EXCESSIVE QUANTITY: NAUSEA AND VOMITING, DIARRHEA, CRAMPS, RESTLESSNESS, IRRITABILITY, DEHYDRATION, WATER RETENTION, NOSE BLEED, GASTROINTESTINAL TRACT DAMAGE, FEVER, SWEATING, SUNKEN EYES, HIGH BLOOD PRESSURE, MUSCLE WEAKNESS, DRY MOUTH AND NOSE, SHOCK, CEREBRAL EDEMA (FLUID ON BRAIN), PULMONARY EDEMA (FLUID IN LUNGS), BLOOD CELL SHRINKAGE, AND BRAIN DAMAGE (DUE TO DEHYDRATION OF BRAIN CELLS). DEATH IS GENERALLY DUE TO CARDIOVASCULAR COLLAPSE OR CNS DAMAGE.  
 CARCINOGENICITY OF MATERIAL..... US. OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050) NOT LISTED.  
 TERATOGENICITY..... N.AV.  
 MUTAGENICITY..... N.AV.  
 REPRODUCTIVE EFFECTS..... THIS PRODUCT IS NOT EXPECTED TO CAUSE REPRODUCTIVE OR DEVELOPMENTAL EFFECTS.  
 SENSITIZING CAPABILITY OF MATERIAL..... THIS PRODUCT IS NOT EXPECTED TO CAUSE SKIN SENSITIZATION.  
 SYNERGISTIC MATERIALS..... N.AV.

**SECTION 12: ECOLOGICAL INFORMATION**

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.

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**SECTION 14: TRANSPORT INFORMATION**

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

**SECTION 15: REGULATORY INFORMATION**

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

**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 28/2019