



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

PRODUCT: GEN-R-8 CL SAVER

CODE: GR80002

SECTION 01: IDENTIFICATION

PRODUCT CODE..... GR80002
 PRODUCT IDENTIFIER..... GEN-R-8 CL SAVER
 OTHER MEANS OF IDENTIFICATION..... ISOCYANURIC ACID; 2,4,6-TRIHYDROXY-1,3,5-TRIAZINE;
 1,3,5-TRIAZINE-2,4,6-TRIOL; TRIHYDROXYCYANIDINE; TRICYANIC ACID;
 S-2,4,6-TRIAZINETRIOL. S-TRIAZINE-2,4,6-TRIOL.
 RECOMMENDED USE AND N.A.V.
 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

HAZARDOUS INGREDIENTS	CAS #	WT. %
CYANURIC ACID	108-80-5	100

SECTION 04: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:
 EYE CONTACT..... CHECK FOR AND REMOVE ANY CONTACT LENSES. IN CASE OF CONTACT,
 IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.
 COLD WATER MAY BE USED. GET MEDICAL ATTENTION IF IRRITATION OCCURS.
 SKIN CONTACT..... WASH WITH SOAP AND WATER. COVER THE IRRITATED SKIN WITH AN
 EMOLLIENT. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. COLD WATER
 MAY BE USED.
 INHALATION..... IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL
 RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL
 ATTENTION.
 INGESTION..... DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL
 PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
 LOOSEN TIGHT CLOTHING SUCH AS A COLLAR, TIE, BELT OR WAISTBAND. GET
 MEDICAL ATTENTION IF SYMPTOMS APPEAR.
 MOST IMPORTANT SYMPTOMS AND N.A.V.
 EFFECTS, ACUTE OR DELAYED:
 INDICATION OF ANY IMMEDIATE MEDICAL N.A.V.
 ATTENTION AND SPECIAL TREATMENT
 NEEDED

SECTION 05: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA..... SMALL FIRE: USE DRY CHEMICAL POWDER. LARGE FIRE: USE WATER SPRAY,
 FOG OR FOAM. DO NOT USE WATER JET.
 UNSUITABLE EXTINGUISHING MEDIA..... N.A.V.
 SPECIAL HAZARDS ARISING FROM THE PRODUCT: SLIGHTLY EXPLOSIVE IN PRESENCE OF OPEN FLAMES AND SPARKS.
 NON-EXPLOSIVE IN PRESENCE OF SHOCKS. FINE DUST DISPERSED IN AIR IN
 SUFFICIENT CONCENTRATIONS, AND IN THE PRESENCES OF AN IGNITION
 SOURCE IS A POTENTIAL DUST EXPLOSION HAZARD. EVOLVES CYANIC ACID
 UPON HEATING AS WITH MOST ORGANIC SOLIDS, FIRE IS POSSIBLE AT
 ELEVATED TEMPERATURES.
 HAZARDOUS COMBUSTION PRODUCTS. THESE PRODUCTS ARE CARBON OXIDES (CO, CO₂), NITROGEN OXIDES (NO,
 NO₂...).
 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN
 PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL
 PROTECTIVE GEAR.

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SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS..... USE PERSONAL PROTECTIVE EQUIPMENT. AVOID DUST FORMATION. ENSURE ADEQUATE VENTILATION. AVOID BREATHING DUST.
 ENVIRONMENTAL PRECAUTIONS..... DO NOT ALLOW TO ENTER INTO SEWERS OR WATERWAYS.
 METHODS AND MATERIALS FOR USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN SUITABLE CONTAINER
 CONTAINMENT AND CLEANING UP FOR DISPOSAL.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:..... KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. DO NOT INGEST. DO NOT BREATHE DUST. IF INGESTED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THE CONTAINER OR THE LABEL. KEEP AWAY FROM INCOMPATIBLES SUCH AS OXIDIZING AGENTS.
 CONDITIONS FOR SAFE STORAGE, KEEP CONTAINER TIGHTLY CLOSED. KEEP CONTAINER IN A COOL, INCLUDING ANY IMCOMPATIBILITIES: WELL-VENTILATED AREA. HYGROSCOPIC.

SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
		STEL	STEL		STEL	STEL		
CYANURIC ACID	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.	N.AV.
APPROPRIATE ENGINEERING CONTROLS	USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF USER OPERATIONS GENERATE DUST, FUME OR MIST, USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT.							
INDIVIDUAL PROTECTION MEASURE SUCH AS PERSONAL PROTECTIVE EQUIPMENTS:								
HAND PROTECTION.....	PROTECTIVE GLOVES.							
RESPIRATORY PROTECTION.....	APPROVED DUST RESPIRATOR. A SELF CONTAINED BREATHING APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT.							
EYE PROTECTION.....	SAFETY GLASSES OR GOGGLES.							
PROTECTIVE FOOTWEAR.....	PROTECTIVE BOOTS.							
PROTECTIVE CLOTHING.....	PROTECTIVE CLOTHING. (LAB COAT).							
OTHER.....	ENSURE THAT EYEWASH STATION AND SAFETY SHOWER ARE CLOSE TO WORK-STATION.							
HYGIENIC PRACTICES.....	USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, OR SMOKING, OR USING TOILET FACILITIES. PROMPTLY REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY BEFORE REUSE.							

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... SOLID (CRYSTALS SOLID, CRYSTALLINE POWDER).
 COLOR..... N.AV.
 ODOUR..... ODOURLESS.
 ODOUR THRESHOLD
 PH..... N.AP.
 MELTING POINT (C)..... 360°C (680°F).
 BOILING POINT..... N.AP.
 FLASH POINT (C), METHOD..... N.AP.
 EVAPORATION RATE..... N.AP.
 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..... 2.5.
 SOLUBILITY IN WATER (% W/W)..... 2000 MG/L @ 25 (C).
 COEFFICIENT OF WATER/OIL DIST..... N.AV.
 AUTO IGNITION TEMPERATURE..... N.AV.
 DECOMPOSITION TEMPERATURE..... N.AV.
 VISCOSITY..... NO DATA.

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SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:..... HAZARDOUS POLYMERISATION WILL NOT OCCUR.
 CHEMICAL STABILITY:..... STABLE UNDER NORMAL CONDITIONS OF HANDLING AND STORAGE.
 POSSIBILITY OF HAZARDOUS REACTIONS:..... VIOLENT REACTION WITH ETHANOL. HYGROSCOPIC, KEEP CONTAINER TIGHTLY CLOSED.
 CONDITIONS TO AVOID..... EXCESS HEAT, DUST GENERATE, MOIST AIR OR WATER, INCOMPATIBLE MATERIALS.
 INCOMPATIBLE MATERIALS:..... OXIDIZING AGENTS.
 HAZARDOUS PRODUCTS OF DECOMPOSITION:..... SEE HAZARDOUS COMBUSTION PRODUCTS.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
CYANURIC ACID	N.A.V.	3400 MG/KG (ORAL, MOUSE); >5000 MG/KG (DERMAL. RABBIT)

INFORMATION ON LIKELY ROUTES OF ENTRY:

SKIN CONTACT..... MAY CAUSE SKIN IRRITATION.
 SKIN ABSORPTION..... N.A.V.
 EYE CONTACT..... CAUSES MILD EYE IRRITATION.
 INHALATION..... MAY CAUSE RESPIRATORY TRACT IRRITATION.
 INGESTION..... MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT. MAY DECREASE THE APPETITE.
 EFFECTS OF ACUTE EXPOSURE..... SEE ABOVE.
 EFFECTS OF CHRONIC EXPOSURE..... PROLONGED OR REPEATED INGESTION MAY AFFECT THE KIDNEYS, METABOLISM (ANOREXIA/WEIGHT LOSS).

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY OF MATERIAL..... MAY CAUSE CANCER BASED ON ANIMAL TEST DATA.
 TERATOGENICITY..... N.A.V.
 MUTAGENICITY..... N.A.V.
 REPRODUCTIVE EFFECTS..... N.A.V.
 SENSITIZING CAPABILITY OF MATERIAL..... N.A.V.
 SYNERGISTIC MATERIALS..... N.A.V.

SECTION 12: ECOLOGICAL CONSIDERATIONS

ECOLOGICAL INFORMATION
 BIODEGRADATION..... POSSIBLY HAZARDOUS SHORT TERM DEGRADATION PRODUCTS ARE NOT LIKELY. HOWEVER, LONG TERM DEGRADATION PRODUCTS MAY ARISE. THE PRODUCT ITSELF AND ITS PRODUCTS OF DEGRADATION ARE NOT TOXIC.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

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

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SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

N.A.V.=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
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