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SLUYTER COMPANY LTD.

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SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL FAMILY------Chlorinated Solvents.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
TRICHLOROETHYLENE			
60 - 100	79-01-6	4920 mg/kg	12500 ppm 4 Hours
	50 ppm	Oral (Rat)	Inhalation (Rat)

SECTION 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:	
SKIN CONTACT	Can cause skin irritation, defatting and
	dermatitis.
SKIN ABSORPTION	Can be absorbed through the skin resulting
	in toxic effects.
INHALATION	See "EFFECTS OF CHRONIC EXPOSURE", below.
INHALATION CHRONIC	Breathing of high vapour concentrations
	could cause dizziness, headache or even
	unconsciousness. May be anesthetic which
	could result in other central nervous system effects.
INGESTION	Can cause gastro-intestinal irritation,
	nausea, vomiting and diarrhea. Small
	amounts of liquid aspirated into
	respiratory system could cause severe
	health effects. (e.g. Bronchopneumonia or
	Pulmonary Edema).
EYE CONTACT	Irritant. May cause discomfort. May cause
	watering of the eyes. Vapours can cause irritation.
EFFECTS OF ACUTE EXPOSURE	Levels in the range of 1000-2000 ppm may
	rapidly cause dizziness, drunkenness and
	irregular heart beats. Progressively
	higher levels or longer exposure may be an
ADDITIONAL INTODUCTION	immediate hazard to health.
ADDITIONAL INFORMATION	Alcohol consumed before or after exposure
EHERGEG OF GUDONIG EVROGURE	may increase adverse effectsMay cause damage to the central nervous
EFFECTS OF CHRONIC EXPOSURE	
	system. May cause nausea, headache, dizziness and drowsiness. Severe
	overexposure could cause coma or
	death. High levels have caused liver or
	kidney effects in laboratory animals. See
	"CARCINOGENICITY OF MATERIAL" heading
	under TOXICOLOGICAL INFORMATION in SECTION II
	and tonicological in ordination in Section II

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SECTION 04: FIRST AID MEASURES

EYE CONTACTCheck for and remove any contact lenses.	
Immediately flush with water for a minimum	
of 20 minutes and get medical attention.	
SKIN CONTACT Wash	
affected area with water and soap. Seek	
medical attention if irritation occurs or persists	
INHALATION If not	
breathing, trained personnel should	
administer artificial respiration. Get	
medical attention.	
INGESTION Get immediate	
medical attention.	
ADDITIONAL INFORMATIONContact your local poison control centre.	

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY	-Non-flammable.
	-Open flames, welding arcs or other high
	temperature sources can induce thermal
	decomposition.
SPECIAL PROCEDURES	-A self-contained breathing apparatus is
	required for fire fighting personnel. Use
	water spray to cool fire exposed surfaces
	and to protect personnel.
FLASH POINT (METHOD)	-None.
AUTO IGNITION TEMPERATURE	-420°C.
UPPER FLAMMABLE LIMIT (% VOL)	-8% @ 100°C.
LOWER FLAMMABLE LIMIT (% VOL)	
EXTINGUISHING MEDIA	-Dry chemical, alcohol foam and CO2
	extinguishers.
	-Chlorine. Hydrogen Chloride. Phosgene.
SENSITIVITY TO MECHANICAL	-Not available.
IMPACT	
SENSITIVITY TO STATIC	-Not available.
DISCHARGE	

SECTION 06: ACCIDENTAL RELEASE MEASURES

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURESAvoid skin and eye contact. Avoid breathing
vapours. Use adequate ventilation. Keep away
from heat, sparks and open flame.
STORAGE NEEDS of heat and
ignition. Store in well ventilated
area. Keep container closed and out of
reach from children and pets when not in use.

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL STATE-----Liquid.
ODOUR-----Strong solvent odour.
SPECIFIC GRAVITY------1.46 - 1.50.
ODOUR THRESHOLD (ppm)-----Not available.
VAPOUR PRESSURE------60 mmHg @ 20°C.
VAPOUR DENSITY (AIR=1)-----4.50.
EVAPORATION RATE------Not available.
BOILING POINT (deg C)-----87°C.
pH-----Not applicable.
SOLUBILITY IN WATER (% W/W)-----Not soluble.
COEFFICIENT OF WATER\OIL-----Not available.
DISTRIBUTION
VOLATILES (%)-----Not available.
FREEZING POINT-----Not available.
MELTING POINT (deg C)-----Not applicable.
MOLECULAR WEIGHT-----Not applicable.
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SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY-------Aluminum and similar alloys. Strong acids. Metal Chlorides. Water. Oxidizing agents. REACTIVITY CONDITIONS--------Excessive heat, sparks and open flame. HAZARDOUS PRODUCTS OF------------Hydrogen Chloride. Chlorine. Phosgene. DECOMPOSITION

SECTION 11: TOXICOLOGICAL INFORMATION

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when given orally to mice. ACGIH (94-95)

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classifies it as "A5" - (Not suspected as a carcinogen to humans).

TERATOGENICITY------Birth defects are unlikely. Exposures having no effect on mother should have no effect on fetus.

MUTAGENICITY-----Not available.

REPRODUCTIVE EFFECTS------Animal studies data, do not suggest any reproductive hazards.

SYNERGISTIC MATERIALS-----Not available.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL------Not available. Can be dangerous if allowed to enter drinking water intakes. Product has an unaesthetic appearance and can be a nuisance. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds and rivers.

BIODEGRADABILITY------Not available. The solvent portion of this product is biodegradable and vaporizes rapidly.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL------Spilled material and water rinses are classified as chemical waste. To be disposed of in accordance with current Local, Provincial and Federal regulations.

SECTION 14: TRANSPORT INFORMATION

SECTION 15: REGULATORY INFORMATION

SECTION 16: OTHER INFORMATION

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