

CANADIAN CUSTOM PACKAGING
 333 RIMROCK ROAD
 TORONTO, ONTARIO M3J 3J9
 PHONE: (416) 638-1111 FAX: 416-638-3800



PRODUCT: TAPE REMOVER

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	TAPE REMOVER
Revision Date:	NOVEMBER 24, 2011
Prepared By:	REGULATORY AFFAIRS
Packager:	CANADIAN CUSTOM PACKAGING
Emergency Phone #:	(416) 638-1111

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component	C.A.S. #	% by weight
Trichloroethylene	79-01-6	100%

SECTION 3: HAZARDS IDENTIFICATION

Routes of Entry - Skin Contact:	FREQUENT OR PROLONGED CONTACT MAY IRRITATE THE SKIN AND CAUSE A SKIN RASH (DERMATITIS)
Routes of Entry - Eye Contact:	CAUSES MODERATE TO SEVERE IRRITATION, EXPERIENCED AS DISCOMFORT OR PAIN, EXCESS BLINKING AND TEAR PRODUCTION, WITH MARKED EXCESS REDNESS AND SWELLING OF THE CONJUNCTIVA
Routes of Entry - Inhalation:	THIS PRODUCT IS PRIMARILY A CENTRAL NERVOUS SYSTEM DEPRESSANT. CENTRAL NERVOUS SYSTEM DEPRESSION: SIGNS/SYMPTOMS CAN INCLUDE HEADACHE, DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED SPEECH, GIDDINESS AND UNCONSCIOUSNESS. FATALITIES FOLLOWING SEVERE ACUTE EXPOSURE TO VARIOUS CHLORINATED SOLVENTS HAVE BEEN ATTRIBUTED TO VENTRICULAR FIBRILLATION
Routes of Entry - Ingestion:	MAY RESULT IN IRRITATION OF THE MOUTH AND GASTROINTESTINAL TRACT. MAY CAUSE SAME EFFECTS AS DETAILED UNDER INHALATION. ASPIRATION INTO THE LUNGS MAY OCCUR DURING INGESTION OR VOMITING, RESULTING IN LUNG INJURY. ASPIRATION PNEUMONITIS: SIGNS/SYMPTOMS CAN INCLUDE COUGHING, DIFFICULTY BREATHING, WHEEZING, COUGHING UP BLOOD AND PNEUMONIA, WHICH CAN BE FATAL

SECTION 4: FIRST AID MEASURES

Eyes:	FLUSH WITH LARGE AMOUNTS OF RUNNING WATER AND CONSULT A PHYSICIAN
Skin:	WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS
Inhalation:	REMOVE PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION
Ingestion:	DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. SEEK IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS
Notes to physician:	BECAUSE RAPID ABSORPTION MAY OCCUR THROUGH LUNGS IF ASPIRATED AND CAUSE SYSTEMIC EFFECTS, THE DECISION OF WHETHER TO INDUCE VOMITING OR NOT SHOULD BE MADE BY A PHYSICIAN. IF LAVAGE IS PERFORMED, SUGGEST ENDOTRACHEAL AND/OR ESOPHAGEAL CONTROL. DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICITY WHEN CONSIDERING EMPTYING THE STOMACH. ONLY ADMINISTER ADRENALINE AFTER CAREFUL CONSIDERATION FOLLOWING OVEREXPOSURE. INCREASED SENSITIVITY OF THE HEART TO ADRENALINE MAY BE CAUSED BY OVEREXPOSURE TO THIS PRODUCT

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SECTION 5: FIRE FIGHTING MEASURES

Flash Point (°C):	N/A
Flash Point Method:	N/A
Auto ignition temperature (°C):	N/A
Upper flammable limit %	12.5%
Lower flammable limit %	8.0%
Extinguishing Media:	USE DRY CHEMICALS, CO2, ALCOHOL FOAM OR WATER SPRAY
Fire Fighting Procedures:	FIRE FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING, INCLUDING SELF-CONTAINED BREATHING EQUIPMENT
Fire and Explosion Hazard:	ISOLATE AND RESTRICT AREA ACCESS. STAY UPWIND. FIGHT FIRE FROM A SAFE DISTANCE AND FROM A PROTECTED LOCATION. BURNING LIQUIDS MAY BE MOVED BY FLUSHING WITH WATER TO PROTECT PERSONNEL AND MINIMIZE PROPERTY DAMAGE. CONTAIN FIRE CONTROL WATER FOR LATER DISPOSAL. CONTAINERS MAY RUPTURE. VAPOURS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS. VAPOURS MAY TRAVEL ALONG THE GROUND TO BE IGNITED AT DISTANT LOCATIONS. EMITS TOXIC FUMES UNDER FIRE CONDITIONS.
Sensitivity to Mechanical Impact:	N/A
Sensitivity to Static Discharge:	N/A
Hazardous Products of Combustion:	CARBON MONOXIDE. CARBON DIOXIDE. HYDROGEN CHLORIDE. PHOSGENE. CHLORINE

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill:	IMMEDIATELY EVACUATE THE AREA. VENTILATE AREA. RESTRICT ACCESS TO UNPROTECTED PERSONNEL. TRY TO WORK UPWIND OF SPILL. ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER. AFTER ALL VISIBLE TRACES HAVE BEEN REMOVED, THOROUGHLY WET VACUUM THE AREA. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. PREVENT ENTRY INTO SEWERS OR STREAMS, DIKE IF NEEDED. PREVENT CONTAMINATION OF SOIL. CONSULT LOCAL AUTHORITIES
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SECTION 7: HANDLING AND RELEASE MEASURES

Handling:	VAPOURS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. KEEP THE CONTAINERS CLOSED WHEN NOT IN USE. THIS MATERIAL OR ITS VAPOURS WHEN IN CONTACT WITH FLAMES, HOT GLOWING SURFACES OR ELECTRIC ARCS CAN DECOMPOSE TO FORM HYDROGEN CHLORIDE GAS AND POSSIBLE TRACES OF PHOSGENE. DO NOT PRESSURIZE, CUT, HEAT, OR WELD CONTAINERS. CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPOUR AND SHOULD BE HANDLED AS IF THEY WERE FULL UNTIL THEY HAVE BEEN CLEANED. DO NOT SHIP LIGHTLY STABILIZED GRADES IN ALUMINIUM TRAILERS. THE ONLY EXCEPTION IS TYPE 145 VAPOUR DEGREASING GRADE. LIQUID OXYGEN OR OTHER STRONG OXIDANTS MAY FORM EXPLOSIVE MIXTURES WITH THIS PRODUCT
Storage:	STORE IN AN AREA THAT IS COOL AND DRY. KEEP AWAY FROM DIRECT SUNLIGHT. KEEP CONTAINERS TIGHTLY CLOSED. PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT STORE IN ALUMINIUM, ZINC, ALUMINIUM ALLOYS AND PLASTICS. PRODUCT SHOULD NOT BE PACKAGED IN ALUMINIUM AEROSOL CANS OR WITH FINELY DIVIDED ALUMINIUM OR ITS ALLOYS IN AN AEROSOL CAN

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes/Face:	CHEMICAL GOGGLES; ALSO WEAR A FACE SHIELD IF SPLASHING HAZARD EXISTS
Skin:	SKIN CONTACT SHOULD BE PREVENTED THROUGH THE USE OF SUITABLE PROTECTIVE CLOTHING, GLOVES AND FOOTWEAR, SELECTED FOR CONDITIONS OF USE AND EXPOSURE POTENTIAL. CONSIDERATION MUST BE GIVEN BOTH TO DURABILITY AS WELL AS PERMEATION RESISTANCE. BOOTS. APRON, COVERALLS AND/OR OTHER RESISTANT PROTECTIVE CLOTHING
Respiratory:	IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS, USE AN APPROPRIATE NIOSH APPROVED RESPIRATOR. IN CASE OF SPILL OR LEAK RESULTING IN UNKNOWN CONCENTRATION, USE A NIOSH APPROVED SUPPLIED AIR RESPIRATOR. ORGANIC VAPOURS RESPIRATOR
Other:	EYE BATH AND SAFETY SHOWER

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SECTION 9: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Appearance:	CLEAR COLOURLESS LIQUID
Odour:	CHLOROFORM-LIKE
pH:	6.7 – 7.5
Boiling Point:	87°C /188.6°F
Freezing/Melting Point:	-73°C / -99°F
Vapour Pressure:	57.8 mmHg
% Volatile by Volume:	100%
Evaporation Rate:	0.28
Vapour Density:	4.54
Specific Gravity (water=1):	1.465
Solubility in water (% w/w):	PRACTICALLY INSOLUBLE IN WATER

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability (stable/unstable):	STABLE
Materials to Avoid:	STRONG OXIDIZERS. STRONG BASES. AMINES. POWDERED METALS. ALKALI METALS.
Conditions to Avoid:	AVOID EXCESSIVE HEAT, OPEN FLAMES AND ALL IGNITION SOURCES. DIRECT SUNLIGHT
Hazardous Decomposition Products:	HYDROGEN CHLORIDE. PHOSGENE
Additional Information:	AVOID CONTAMINATION WITH CAUSTIC SODA, CAUSTIC POTASH. SHOCK SENSITIVE COMPOUNDS MAY BE FORMED. REACTION WITH STRONG ALKALI METAL HYDROXIDES WILL FORM DICHLOROACETYLENE WHICH CAN SPONTANEOUSLY IGNITE IN AIR
Hazardous Polymerization:	WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

Oral:	N/A
Dermal:	N/A
Inhalation:	N/A
Reproductive Effects:	WHEN ACTIVATED WITH MICROSOMAL ENZYMES, TRICHLOROETHYLENE HAS BEEN SHOWN TO BE WEAKLY POSITIVE IN CERTAIN MICROBIAL MUTAGEN TEST SYSTEMS. HAS BEEN TOXIC TO THE FETUS IN LABORATORY ANIMALS AT DOSES TOXIC TO THE MOTHER. DID NOT CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS

SECTION 12: ECOLOGICAL INFORMATION

Environmental Toxicity Information:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS
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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS
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SECTION 14: TRANSPORT INFORMATION

UN Number:	1710
TDG Classification:	6.1
Packing Group:	III
Special Shipping Instructions:	SEE TDG CLASSIFICATION, TDG SHIPPING NAME: TRICHLOROETHYLENE

SECTION 15: REGULATORY INFORMATION

WHMIS Classification:	D1B TOXIC MATERIALS; D2A VERY TOXIC MATERIALS; D2B TOXIC MATERIALS
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SECTION 16: OTHER INFORMATION

Reason for revision:	UPDATE
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THE TECHNICAL INFORMATION SUPPLIED WITH THIS PRODUCT IS GIVEN IN GOOD FAITH BASED ON THE MANUFACTURER'S KNOWLEDGE OF THE PRODUCT AT THE DATE OF SUPPLY. WHILE WE PROVIDE THIS INFORMATION IN GOOD FAITH, IT DOES NOT EXPRESSLY OR IMPLIEDLY WARRANT ITS ACCURACY. THE USER'S ATTENTION IS ALSO DRAWN TO THE RISK WHICH MAY ARISE WHEN THE PRODUCT IS USED FOR PURPOSES OTHER THAN THOSE FOR WHICH IT IS INTENDED

N/A = NOT AVAILABLE/ APPLICABLE