

PRODUCT: STRIP - ALL

SECTION 1: MATERIAL IDENTIFICATION AND USE

TDG CLASSIFICATION Class 6.1;3
 UN NUMBER 2929
 PACKING GROUP Group 2
 WHMIS CLASSIFICATION B2, D 1B; D 2A
 CHEMICAL FORMULA N/A
 CHEMICAL FAMILY N/A
 MOLECULAR WEIGHT N/A
 MATERIAL USE Cleaning solvent, paint stripper

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	LD ₅₀ (species & route)	LC ₅₀ (species & route)
Dichloromethane	45-75	75-09-2	1600 – oral	14,400 – inhalation
Toluene (Methyl Benzene)	5-25	108-88-3	650 - oral	400 – inhalation
Methyl Alcohol (Methanol, Methyl Hydrate)	5-25	67-56-1	5600 – oral	64,000 – inhalation
Acetone	5-15	67-64-1	500 – oral	18,300 – inhalation

SECTION 3: PHYSICAL DATA

APPEARANCE Clear, colourless liquid.
 ODOUR Sharp odor.
 FREEZING POINT (°C) Below -64°C
 BOILING POINT (°C) 40°C to 110.6°C
 ODOUR THRESHOLD (ppm) Range 0.2 – 600 – Warning – well over TWAEV!
 VAPOUR PRESSURE (mm HG) 22 to 350 (20°C)
 VAPOUR DENSITY (air=1) 1.1 to 3.1
 PERCENT VOLATILE n/a
 EVAPORATION RATE (nBuAc=1) n/a
 pH n/a
 SPECIFIC GRAVITY (water=1) 1.02 (20°C)
 COEFF. OF WATER/OIL DISTRIBUTION n/a
 SOLUBILITY IN WATER very little (soluble in most organic solvents)

SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITY Yes
 EXTINGUISHING MEDIA n/a
 SPECIAL PROCEDURES n/a
 FIRE and EXPLOSION HAZARDS n/a
 FLASHPOINT (°C) and METHOD Above -18°C
 AUTO-IGNITION TEMPERATURE (°C) Above 465°C
 LOWER FLAMMABLE LIMIT unknown
 UPPER FLAMMABLE LIMIT unknown

HAZARDOUS COMBUSTION PRODUCTS	chlorine gas, hydrogen chloride gas, phosgene gas, carbon monoxide, nitrogen oxides, smoke – all highly toxic and/or corrosive.
SENSITIVITY TO STATIC DISCHARGE	Possible sensitive.
SENSITIVITY TO MECHANICAL IMPACT	Not sensitive.

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY	Stable; will not polymerize.
INCOMPATIBILITY	n/a
CONDITION OF REACTIVITY	Strong oxidizing agents & alkalis, amines, metallic Na, K, Ca, & Mg;corrodes Al.
HAZARDOUS DECOMPOSITION PRODUCTS	See “Hazardous combustion products” in section 4.

SECTION 6: TOXICOLOGICAL EFFECTS

ROUTES OF ENTRY:

ACUTE EXPOSURE

INGESTION	Headache, dizziness, drowsiness, nausea, vomiting, abdominal pain.
SKIN ABSORPTION	Unknown – may be toxic by this route.
SKIN CONTACT	Aggressively drying, severely irritating, may cause blistering (chemical burn)
EYE CONTACT	Severely irritating – may permanently damage eyes.
INHALATION	Irritating to respiratory system; headache, dizziness, drowsiness, nausea, respiratory failure.

CHRONIC EXPOSURE

GENERAL	Prolonged exposure may cause skin cracking & dermatitis; repeated absorption may damage liver, and may raise blood carbon monoxide, possibly life threatening to people with heart disease.
CARCINOGENICITY	Experimental tumorigen in rodents at below LD50, human carcinogen by RTECS criteria.
TERATOGENICITY	n/a
REPRODUCTIVE TOXICITY	Mutagen in rodents at 1000ppm – 300ppm; a reproductive effector by RTECS criteria.
MUTAGENICITY	Read above.
SYNERGISTIC PRODUCTS	Ethyl (grain) alcohol, smoking, existing heart & liver disease, pre-existing dermatitis.

EXPOSURE LIMIT OF MATERIAL

THRESHOLD LIMIT VALUE	n/a
LD ₅₀ OF MATERIAL	1494 mg/kg (oral, rat); 25,189 mg/kg (skin)
LC ₅₀ OF MATERIAL	2120 ppm (inhalation, mouse)

SECTION 7: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES	Polyvinyl alcohol, “Responder”, “Trelchem HPS”, “Tychem 10,000” gloves are recommended
RESPIRATOR	Good ventilation required (TWAEV, 1 above), or use organic vapour cartridge.
EYE	Safety glasses with side shields or chemical goggles.
FOOTWEAR	n/a
CLOTHING	“Tyvek” apron, boots, long sleeves for any splashing.
OTHER	

ENGINEERING CONTROLS..... n/a
 LEAK and SPILL PROCEDURES Dyke to control spillage and prevent environmental contamination
 WASTE DISPOSAL..... Do not flush to sewer; do not incinerate; handle in a hazardous waste facility or reclaim.
 HANDLING PROCEDURES and EQUIPMENT n/a
 STORAGE REQUIREMENTS Store and use in a cool dry environment, away from heating and strong oxidizing agents. Use with adequate ventilation. Avoid all contact with skin and wash work clothes frequently.
 SPECIAL SHIPPING INFO. n/a

SECTION 8: FIRST AID MEASURES

EYE CONTACT..... Wash eyes with water, holding eyelids open. Seek medical assistance promptly if there is any irritation.
 SKIN CONTACT Wash eyes with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered.
 INGESTION..... Give plenty of water to dilute product. Do not induce vomiting. Keep victim quiet. Seek medical attention promptly.
 INHALATION Remove from contaminated area promptly. If breathing stops, administer artificial respiration and seek medical aid promptly.
 SOURCES USED..... n/a
 ADDITIONAL INFORMATION..... n/a

SECTION 9: PREPARATION DATE OF SDS

ORIGINAL PREPARATION BY LINO TATONE
 DATE..... JANUARY 01, 2018

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