

CCI-700 CONCRETE STRIPPER

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: CCI-700 CONCRETE STRIPPER.

Synonyms: None

Chemical family: Solvent.

Supplier: Same as manufacturer.

Manufacturer: Concreation Canada Inc.
582 Rivermede Road, Unit 8
Concord ON
L4K 2H5 Tel: (905) 482-3837.

Manufacturer emergency phone number: Chemtrec 800-424-9300.

Information phone number: 905-482-3837.

Section 2: HAZARD IDENTIFICATION

GHS Classification

Health Hazard Class(es): Skin corrosion/irritation, category 2 Irritant.
Serious eye damage/eye irritation, category 2A Irritant.
Carcinogenicity, category 1A.
Specific target organ toxicity following single exposure, category 3.
Specific target organ toxicity following repeated exposure, category 2.

Physical Hazard Class(es): Flammable liquid, category 3.

Environmental Hazard Class(es): No environmental hazard class.

GHS Label Elements

Symbol:



Signal word: DANGER.

Hazard statement(s): H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H350 May cause cancer.
H372 Causes damage to organs through prolonged or repeated exposure.

Precautionary statement(s): P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion–proof electrical/ventilating/lighting and all material handling equipment.
P242 Use non–sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash face, hands and any exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well–ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P362 Take off contaminated clothing.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P370 + P378 In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P403 + P235 Store in a well–ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

Other hazard(s): Not available.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	EINECS#
111–76–2	5–10	2–BUTOXY ETHANOL	203–905–0
67–56–1	5–10	METHYL ALCOHOL	200–659–6
75–09–2	70–85	METHYLENE CHLORIDE	200–838–9

Section 4: FIRST AID MEASURES

Skin contact: Immediately flush skin with plenty of water and soap for 15 minutes while removing contaminated clothing and shoes.
Discard clothing that cannot be decontaminated.
Seek medical attention if irritation persists.

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

Ingestion: Obtain immediate medical attention.
Do not induce vomiting, keep person warm, quiet.
Never give anything by mouth to an unconscious person.

Section 5: FIRE FIGHTING MEASURES

Flammability: Flammable.

Extinguishing media: Carbon dioxide, dry chemical, foam.
Alcohol-resistant foam.

Conditions of flammability: Vapours may travel to a source of ignition and flash back.
Vapours may form an explosive mixture with air.
Heat, sparks and open flames.

Special procedures: Firefighters should wear adequate protective gear.
Self-contained breathing apparatus required.
Use water to cool fire exposed containers.

Sensitivity to static discharge: Not available.

Sensitivity to mechanical impact: Not available.

Rate of burning: Not available.

Hazardous combustion products: Not available.

Section 6: ACCIDENTAL RELEASE MEASURES


Leak/Spill: Eliminate all sources of ignition.
Absorb with inert material.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Ventilate area.
Wear appropriate protective equipment.
Place in a closed container for disposal.
Do not flush to sewer.

Section 7: HANDLING AND STORAGE


Handling procedures: Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash thoroughly after handling.
Empty containers containing residue may cause a hazard.
Use non-sparking tools.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in handling area.
Use with explosion proof equipment.
Launder contaminated clothing prior to reuse.

Storage procedures: Store away from all sources of ignition.
Store away from incompatible materials.
Keep containers tightly closed and upright when not in use.
Store in a cool, dry and well ventilated area.
Protect from damage.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves/Type: 


Impervious gloves.

Respiratory/Type: 

NIOSH/MSHA approved air-purifying or air-supplied.

Eye/Type: Chemical safety goggles.

Footwear/Type: Impervious boots.

Clothing/Type: 

Impervious apron.
Chemical resistant clothing.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Explosion proof ventilation should be used.
Local exhaust and/or general ventilation.

Exposure limit of material: Not available for mixture, see the ingredients section.

Ingredients:

C.A.S.	Ingredient Name	T.L.V.	OSHA-PEL TWA	STEL	ACGIH-TLV TWA	STEL	NIOSH STEL
111-76-2	2-BUTOXY ETHANOL	20 PPM	50 PPM	NOT AVAILABLE	20 PPM	NOT AVAILABLE	NOT AVAILABLE
67-56-1	METHYL ALCOHOL	200 PPM (SKIN)	200 PPM	NOT AVAILABLE	200 PPM	250 PPM	250 PPM
75-09-2	METHYLENE CHLORIDE	50 PPM	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Opaque.
Slight characteristic odor.

Odor threshold (ppm): (methylene chloride).
0.92

pH: Not available.

Melting point (°C): Not available.

Boiling point (°C): 39.8

Freezing point (°C): Not available.

Flash point (°C), method: ASTM D-3278-96.
24.3°C.

Auto-ignition temperature (°C): Not available.

Explosive power: Closed containers may rupture or explode due to pressure build-up when exposed to extreme heat.

Lower explosive limit: 1.1%
(2-butoxyethanol).

Upper explosive limit: 36%
(methanol).

Vapour pressure (mmHg): @ 20°C (68°F).
350

Specific gravity @ 20 °C: Not available.

Density: Not available.

Relative density: 1.16

Vapour density (air=1): 2.93

**Evaporation rate
(butyl acetate = 1):** 14.5

Solubility in water (%): Rinseable.

Coefficient of water\oil dist.: Not available.

Viscosity: Not available.

VOC: Not available.

Solid content: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: Product is stable.

Conditions of instability: Moisture.
Heat, sparks & open flame.
Electric arc.
Hot surfaces.

Hazardous polymerization: Not available.

Incompatible substances: Aluminum (Al).
Magnesium.
Potassium (K).
Sodium (Na).
Caustics.
Nitric acid.
Strong oxidizing agents.
Chemically active metals.

Hazardous products of decomposition: Carbon monoxide.
Phosgene.
Hydrochloric acid.
Carbon dioxide.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Eye contact: May cause corneal damage.
May cause irritation.
May cause redness and tearing.
May cause swelling.

Skin contact: May cause defatting.
 May cause redness.
 May cause drying.
 May cause burns.
 May cause severe irritation.

Skin absorption: May be absorbed through the skin. Symptoms are similar as those for inhalation.

Inhalation: May cause respiratory irritation.
 May cause irregular heartbeat can be harmful/fatal.
 May cause headache and dizziness.
 May cause incoordination.
 May cause intoxication.
 May cause central nervous system depression.
 May cause giddiness.
 May cause nausea.
 May cause numbness.

Ingestion: Methanol is toxic and may be fatal or cause blindness if swallowed.
 Effects may be similar to inhalation.
 May cause gastro-intestinal irritation.
 May cause irritation of the mucous membranes.
 May cause feeling of drunkenness.
 May cause central nervous system depression.
 May cause visual disturbances.
 Aspiration may cause severe lung damage and death.

Effects of chronic exposure: May cause cardiac sensitization.
 Prolonged occupational overexposure to solvents may lead to permanent brain and nervous system damage.
 May affect the eyes, skin, kidneys, liver, lungs or the central nervous system.
 May cause blindness.
 May cause cardiac failure.
 May cause blurred vision.

Sensitization to product: Not available.

Carcinogenic effects: Methylene chloride is a suspected carcinogen (IARC group 2B).

Reproductive effects: Methylene chloride is reported to have reproductive effects.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Alcoholic beverage consumption can enhance the toxic effects of this substance.

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available for mixture, see the ingredients section.

Ingredients:	C.A.S.	Ingredient Name	LD/50	LC/50
	111-76-2	2-BUTOXY ETHANOL	250 MG/KG RAT ORAL 1167 MG/KG MOUSE ORAL 300 MG/KG RABBIT ORAL 220 MG/KG RABBIT DERMAL	450 PPM/4H RAT INHALATION 700 PPM/7H MOUSE INHALATION 3380 MG/M3/7H MOUSE INHALATION 2900 MG/M3/7H RAT INHALATION
	67-56-1	METHYL ALCOHOL	5600 MG/KG RAT ORAL 5800 MG/KG MOUSE ORAL 14,200 MG/KG RABBIT ORAL 15,800 MG/KG RABBIT DERMAL	81,000 MG/M3/14H RABBIT INHALATION 64,000 PPM/4H RAT INHALATION 6100 MG/M3/134M MOUSE INHALATION
	75-09-2	METHYLENE CHLORIDE	985 MG/KG RAT ORAL	14400 MG/KG MOUSE INHALATION

873 MG/KG
MOUSE ORAL
2000 MG/KG
RABBIT ORAL

52000 MG/M3/6H
RAT INHALATION

Section 12: ECOLOGICAL INFORMATION

Environmental fate: Not available.

Environmental toxicity: Not available.

Section 13: DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.

Section 14: TRANSPORT INFORMATION

TDG classification:

FLAMMABLE LIQUID, TOXIC, N.O.S. (methanol,
dichloromethane)
UN1992
Class 3(6.1)
PG III.



DOT: Not available.

ICAO/IATA: Not available.

IMDG: Not available.

Special instructions: Limited Quantity exemption may apply.
May be shipped as a consumer commodity, ORM-D.

Marine Pollutant: Not available.

Section 15: REGULATORY INFORMATION

DSL status: The substance(s) listed in section 2 appear on the Domestic Substances List.

CERCLA reportable quantity: Methylene chloride (75-09-2) – 1000 lbs.

TSCA inventory: Appears.

SARA Section 313: Not available.

SARA hazard categories sections Immediate (Acute) Health Hazard: Yes.

311/312: Delayed (Chronic) Health Hazard: Yes.

Fire Hazard: Yes.

Sudden Release of Pressure: No.

Reactive: No.

CA Proposition 65: This product contains a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.

Health Hazard: 3

Flammability: 3

Physical hazard: 0

NFPA Health Hazard: 3

NFPA Flammability: 3

NFPA Reactivity: 0

NFPA:



Section 16: OTHER INFORMATION

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