

CCI-1000 LITHICON 15 CONCRETE FLOOR DENSIFIER

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: CCI-1000 LITHICON 15 CONCRETE FLOOR DENSIFIER.

Synonyms: None

Chemical family: Not available.

Supplier: Same as manufacturer.

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

Manufacturer emergency phone

Chemtrec 800-424-9300.

number:

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.

Physical Hazard Class(es): No physical hazard class.

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



GHS Label Elements Symbol:

Signal word: WARNING.

Hazard statement(s): H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement(s): P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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#
12627-14-4	23	POLYSILICATE	
7732-18-5	77	WATER	

Section 4: FIRST AID MEASURES

Skin contact: Wash thoroughly with water.
If irritation persists, consult a physician.

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.
Keep person warm and at rest.
If irritation occurs, consult a physician.

Ingestion: Obtain medical attention.
Do not induce vomiting.
Never give anything by mouth to an unconscious person.
Rinse mouth with water, then drink one glass of water.

Section 5: FIRE FIGHTING MEASURES

Flammability: Not flammable.

Extinguishing media: As suitable for surrounding fire.

Conditions of flammability: Surrounding fire.

Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.

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: Prevent entry into drains, sewers, and other waterways.
Wear appropriate protective equipment.
Contain the spill with sand or earth.
Caution: floor may be slippery.
Place in appropriate container for disposal.

Section 7: HANDLING AND STORAGE

Handling procedures: Use adequate ventilation.
Avoid creating mists.
Avoid skin and eye contact.

Wear personal protective equipment appropriate to task.
 Wash thoroughly after handling.
 Do not eat, drink or smoke in handling area.
 Launder contaminated clothing prior to reuse.

Storage procedures: Keep from freezing.
 Do not store in aluminum containers.
 Store below 50°C (122°F).

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION



Gloves/Type:
 Rubber or plastic.

Respiratory/Type: None required under normal use.

Eye/Type: Chemical safety goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.

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

Ventilation requirements: Mechanical exhaust.
 General dilution ventilation.
 Local exhaust 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
12627-14-4	POLYSILICATE	NOT AVAILABLE					
7732-18-5	WATER	NOT AVAILABLE					

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Odourless.
 Colourless.

Odor threshold (ppm): Not applicable.

pH: Alkaline.
 ~ 10.8.

Melting point (°C): Not applicable.

Boiling point (°C): 100°C.

Freezing point (°C): Not applicable.

Flash point (°C), method: Not applicable.

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

Explosive power: Not available.

Lower explosive limit: Not applicable.

Upper explosive limit: Not applicable.
Vapour pressure (mmHg): Not applicable.
Specific gravity @ 20 °C: Not available.
Density: 1.2 g/cm³ @ 20C.
Relative density: Not available.
Vapour density (air=1): Not available.
Evaporation rate
Not applicable.
(butyl acetate = 1):
Solubility in water (%): Soluble.
Coefficient of water\oil dist.: Not available.
Viscosity: Not applicable.
VOC: Not available. **Solid**
content: Not available.

Section 10: STABILITY AND REACTIVITY

Chemical stability: Product is stable.
Conditions of instability: Welding arc.
Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc in an alkaline environment.
Hazardous polymerization: Not available.
Incompatible substances: Acids Aluminum (Al).
Zinc (Zn).
Sugars.
Tin and its alloys.
Hazardous products of decomposition: Not available.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Route of entry: Skin contact, eye contact, inhalation and ingestion.
Eye contact: May cause discomfort.
May cause mild irritation.
Skin contact: Prolonged and repeated contact may cause irritation.
Inhalation: Respiratory tract irritation.
Ingestion: May cause central nervous system damage.
May cause headache and nausea.
May cause convulsions.

May cause dizziness.
May cause kidney damage.

Effects of chronic exposure: See effects of acute exposure.

Sensitization to product: Not a sensitizer.

Carcinogenic effects: Not listed as a carcinogen.

Reproductive effects: Not available.

Teratogenicity: May cause teratogenic effects.

Mutagenicity: Not available.

Synergistic materials: Not available.

LD50 of product, species &

Not available for mixture, see the ingredients section.

route:

LC50 of product, species &

Not available for mixture, see the ingredients section.

route: Ingredients:

C.A.S.	Ingredient Name	LD/50	LC/50
12627-14-4	POLYSILICATE	NOT AVAILABLE	NOT AVAILABLE
7732-18-5	WATER	> 90 ML/KG RAT ORAL	NOT AVAILABLE

Section 12: ECOLOGICAL INFORMATION

Environmental fate: No data at this time.

Environmental toxicity: No data at this time.

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

TDG classification: Not regulated.

DOT: Not available.

ICAO/IATA: Not available.

IMDG: Not available.

Special instructions: Not available.

Marine Pollutant: Not available.

Section 15: REGULATORY INFORMATION

DSL status: Appears on DSL.

CERCLA reportable quantity: Not available.

TSCA inventory: All ingredients are listed on the TSCA inventory.

SARA Section 313: Not available.

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

311/312: Delayed (Chronic) Health Hazard: No.

Fire Hazard: No.

Sudden Release of Pressure: No.

Reactive: No.

Health Hazard: 1

Flammability: 0

Physical hazard: 0

NFPA Health Hazard: 1

NFPA Flammability: 0

NFPA Reactivity: 0



NFPA:

Section 16: OTHER INFORMATION

Data prepared by: Conform–Action Data Systems A
division of 2843471 Canada Inc.
1840 Transcanada, suite 101
Dorval, QC H9P 1H7
Tel: (514) 683–2060
Fax: (514) 683–1445
24 hr. 1–866–628–7522 support@netmsds.com.

Date of the latest SDS revision: 2016/12/07.

This SDS was generated by *Conform–Plus* Application Service. Visit us at www.netmsds.com.