

MSDS (Material safety data sheet)

SECTION I: MANUFACTURER INFORMATION BETONEX

Company name: Unica Canada inc.

Address: 90, J.A. Bombardier

City: Boucherville, (Quebec)

Postal Code: J4B 8N4

Use: Ready mix concrete cleaner

S.I.M.D.U.T code: D2B, E

Emergency Phone number (only): Canutec: (613) 996-6666

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>Conc % W/W</u>	<u>CAS no:</u>	<u>EXPOSITION CL50</u>	<u>LETHAL DOSE INGESTION DL50</u>
Hydrochloric acid	15 - 40	7647-01-0	1562 ppm (rat) 4H	700 - 1300 mg/kg (rat – Oral)

SECTION III: PHYSICAL DATA

Aspect: Brown liquid, acid odor
pH (Such as it is): 1 (very acid)

Point of boiling: 85 °C
Point freezing: -40 °C

Density (20 °C): 1.15 g/cc
Solubility in water : Complete

SECTION IV: EXPLOSION AND FLAMMABILITY DATA

Flash Point : Nothing (very high) This product doesn't flammable or combustible.

Threshold of inflammability: N.D.

Means of extinction: Carbon dioxide (CO2), chemical foam

Temperature of spontaneous combustion: N.D.

SECTION V: REACTIVITY DATA

Chemical stability: Stable in normal condition of use.

Incompatibility with other substances: Oxidizing matters, Alkaline Matters (Caustic soda, Potash caustic, ammoniac, hypochlorites.)

Reaction of polymerization: None.

Hazardous substance coming from decomposition: Carbon dioxide, Hydrochloric acid

SECTION VI: TOXICOLOGICAL DATA

Effects of the acute exposure on the routes of administration.

Ocular contact: Irritation under direct contact and the vapors irritate the eyes.
Skin contact: This product degreases and drains the skin. It is very irritating for the skin
Inhalation: The vapour irritate the nose and the throat.
Ingestion: Can cause headaches, nauseas, vomiting.

Effects of the chronic exposure: N.D.

Carcinogenicity: No
Mutagenicity: No
Teratogenicity: No
Synergy: No
Sensitizing: No

SECTION VII: PREVENTIVES MEASURES:

Ocular protection: Protective glasses or facial masks.

Respiratory protection: Mask with cartridge for acid vapors during cleanings.

Skin protection: Rubber gloves and clothing protective (boots and hats).

Technical installation: Local or general ventilation.
To absorb the escape with solid absorbents, (vermiculites or bran of saw)
To rinse with much water.

Waste disposal: To conform to the laws on the rejections of waste, local, provincial and federal.

Handling and storage: To preserve in a container closes in a dry, fresh place safe from heat.

Special method: To carry a self-rescuer. To sprinkle the containers with water. To keep with the expenses.

SECTION VIII: FIRST AIDS

Ocular contact: To rinse with water for at least 15 minutes by keeping the large eyes open.
To consult a doctor without delay.

Contact dermic: To remove contaminated clothing. To immediately rinse the skin reached with water
for at least 15 minutes. To consult a doctor if an irritation persists.

Ingestion: To give 1 to 2 glasses water or of milk if nobody conscious.
Do not induce vomiting, consult a doctor immediately.

Inhalation: To bring the victim to the fresh air.
To manage oxygen or artificial respiration if necessary.

SECTION IX: MADE BY:

UNICA CANADA INC.

Phone: (450) 655-8168

Fax: (450) 655-4411

Date: May 8, 2016

N.B. UNICA CANADA Inc. believes that the subjected data are exact at this date, but declines all responsibilities with regard to the use of these data.

N.D.: No data

S.O. no object