

# Safety Data Sheet

Prepared in accordance with GHS standard  
Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

Revision date: June-2019

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## Section 1: Identification

**Product Identifier (Name)** Adi-Con VCA 100

### Relevant identified uses of the chemical and restriction on use

The "Relevant" use identified is provided solely to conform to Governmental requirements, and is not included in the manufacturer's published data and specifications. The complete information on identified uses is not available now, and the Safety Data Sheet ("SDS") will be updated, as it becomes available.

### Details of the supplier of the safety data sheet

<b>Manufacturer</b>	<b>Gemite Products Inc.</b> 1787 Drew Road, Mississauga, Ontario, L5S 1J5, Canada
Telephone	(905) 672-2020
Emergency telephone number	905 672 2020
<b>Other means of identification</b>	
Chemical family	Polysaccharide Blend admixture – viscosity control agent for self-compacting concrete

## Section 2: Hazard(s) identification

- The hazard classification of the chemical (e.g., flammable liquid, category): **Combustible Dust**
- Signal word: **Warning**
- Hazard statement(s): **Not applicable**
- Pictograms (the pictograms or hazard symbols may be presented as graphical reproductions of the symbols in black and white or be a description of the name of the symbol (e.g., skull and crossbones, flame): **Not applicable**
- Precautionary statement(s): **Not applicable**
- Description of any hazards not otherwise classified: **None known**
- For a mixture that contains an ingredient(s) with unknown toxicity, a statement describing how much (percentage) of the mixture consists of ingredient(s) with unknown acute toxicity. Please note that this is a total percentage of the mixture and not tied to the individual ingredient(s): **Not applicable Hazardous ingredients**

**EMERGENCY OVERVIEW:** This product has been evaluated and does not require a hazard warning on the label under OSHA criteria. It is an article and, as such, is excluded per 29 CFR 1910.1200(b)(6)(v) of the OSHA Hazard Communication Standard.

## Section 3: Composition/information on ingredients

**According to Hazardous Products Regulations (HPR) (SOR/2015-17):** No particular hazards known.

**According to Controlled Products Regulations (CPR) (SOR/88-66):** Does not contain any hazardous ingredients

Impurities and stabilizing additives which are classified, and which contribute to the classification of the chemical: **None**

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The chemical name and concentration (i.e., exact percentage) of all ingredients which are classified as health hazards and are present above their cut-off/concentration limits or present a health risk below the cut-off/concentration limits:

**None**

All other ingredients are non-hazardous within the current knowledge of the supplier and in the concentrations applicable.

## Section 4: First-aid measures

### Description of First Aid measures

#### General advice

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

#### If inhaled

If inhaled, move to fresh air

#### If on skin

In case of contact, flush skin with soap and water.

#### If in eyes

Check for and remove any contact lenses. Irrigate with large amounts of water for at least 15 minutes, keeping eyelids open

#### If swallowed

Rinse mouth and dilute with water

#### Most important symptoms and effects, both acute and delayed

Symptoms: No significant symptoms are expected due to the non-classification of the product

Hazards: No hazard is expected under intended use and appropriate handling

Recommendations for immediate medical care and special treatment needed, when necessary: **Not applicable**

## Section 5: Fire-fighting measures

<b>Flammability:</b>	Organic dust above a certain concentration in the air may be and explosion hazard.
<b>Extinguishing Media:</b>	Foams, Powders, Water
<b>Special Procedures:</b>	None
<b>Flash Point:</b>	>302°F
<b>Auto Ignition Temp:</b>	>302 °F

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**Upper Flammability Limit:** 0.8 ( 200 Mesh )

**Lower Flammability Limit:** 0.6 ( 200 Mesh )

**Hazardous Combustion Products:** None determined

**Further information:** Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

## Section 6: Accidental release measures

**Further accidental release measures:** Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Avoid the formation and build-up of dust - danger of dust explosion. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition.

**Personal precautions, protective equipment and emergency procedures:** Do not breathe dust. Wear eye/face protection. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

**Environmental precautions:** Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up:** Non sparking tools should be used

**Leak/Spill:** Sweep spilled powder immediately as it becomes slipper if it gets wet

## Section 7: Handling and Storage

**Handling Procedures:** Bags should not be opened until ready to use. Partial bags should be resealed to prevent absorption of moisture from air, which will cause the product to cake and reduce quality.

**Handling Equipment:** Dust mask and safety goggles recommended as fine powder can become airborne and may be irritating to the eyes and nose.

**Storage Needs:** Keep bags in a dry place and prevent from tearing as product will pick-up ambient moisture if exposed to atmosphere. Do not store with oxidizing agents.

**Waste Disposal:** Dispose in a convenient waste disposal container.

## Section 8: Exposure controls/personal protection

No occupational exposure limits known.

**Advice on system design:** It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion

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suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

**Personal protective equipment:**

**Respiratory Protection:** Wear respiratory protection if ventilation is inadequate.

**Hand protection:** Chemical resistant protective gloves, Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection:** Safety glasses with side-shields.

**Body protection:** Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

**General safety and hygiene measures:** Avoid inhalation of dusts. Wearing of closed work clothing is required additionally to the stated personal protection equipment. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

## Section 9: Physical and chemical properties

<b>Physical State:</b>	Powder
<b>Odour &amp; Appearance:</b>	White powder with faint characteristic odour
<b>Vapour Pressure:</b>	Not applicable
<b>Solubility:</b>	Soluble in H <sub>2</sub> O and lower alcohols
<b>Viscosity:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable
<b>Melting Point:</b>	Not applicable
<b>Specific Gravity:</b>	1.33

## Section 10: Stability and reactivity

**Conditions Contributing to Instability:** Not to be stored next to oxidizing agents.

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<b>Incompatibility:</b>	Reacts violently with strong oxidizers.
<b>Hazardous Polymerization:</b>	Does not occur.
<b>Reactivity Conditions:</b>	Stable on ambient temperature and atmospheric pressure. It is not self-reactive and has a shelf life of several years in unopened bags. Not sensitive to physical impact.
<b>Hazardous Products of Decomposition:</b>	None determined.
<b>Oxidizer properties:</b>	Oxidizes on contact with air.

## Section 11: Toxicological information

<b>Route of Entry:</b>	Respiratory or Skin
<b>Skin Contact-Acute:</b>	Irritation, itching, reddening.
<b>Respiratory System-Acute</b>	Irritation.
<b>Eye Contact:</b>	Tearing, reddening.
<b>Effects of Chronic Exposure:</b>	None known.
<b>Carcinogenicity:</b>	None known.
<b>OTHER TOXICITY DATA:</b>	Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

## Section 12: Ecological information

### Toxicity:

#### **Aquatic toxicity**

**Assessment of aquatic toxicity:** Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

#### Toxicity to fish

LC50 (96 h) > 100 mg/l, *Oncorhynchus mykiss*

#### Aquatic invertebrates

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EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1)

## Aquatic plants

EC50 (72 h) 100 mg/l, Scenedesmus subspicatus (OECD Guideline 201)

## Microorganisms/Effect on activated sludge:

**Toxicity to microorganisms:** OECD Guideline 209 activated sludge/EC50 (3 h): > 1,000 mg/l

## Persistence and degradability:

Assessment biodegradation and elimination (H2O)

Readily biodegradable (according to OECD criteria)

**Elimination information:** 95 % (28 d) (OECD 301B; ISO 9439; 92/69/EEC, C.4-C) (aerobic) Readily biodegradable.

## Bio accumulative potential:

Assessment bioaccumulation potential

Discharge into the environment must be avoided.

## Additional information:

**Other ecotoxicological advice:** Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

### Section 13: Disposal considerations

- Description of appropriate disposal containers to use: **Standard disposal containers are acceptable.**
- Recommendations of appropriate disposal methods to employ: **Dispose of in accordance with governmental regulations for non-hazardous solid waste.**
- Description of the physical and chemical properties that may affect disposal activities: **None known**
- Language discouraging sewage disposal: **Disposable via septic or sewage systems is not recommended.**
- Any special precautions for landfills or incineration activities: **None known**
- **Recycling of packaging materials is encouraged where possible**

### Section 14: Transport Information (non-mandatory) Section 14: Transport information

- UN number (i.e., four-figure identification number of the substance): **None**
- UN proper shipping name: **Not applicable**
- Transport hazard class(es): **Not applicable**
- Packing group number, if applicable, based on the degree of hazard: **Not applicable**
- Environmental hazards (e.g., identify if it is a marine pollutant according to the International Maritime Dangerous Goods Code (IMDG Code)): **None known**
- Guidance on transport in bulk (according to Annex II of MARPOL 73/78 and the International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code (IBC Code))): **Not applicable**

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## Section 15: Regulatory information

**CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4):** This product is not reportable under 40 CFR Part 302.4

**SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355):** This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

**SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370):** This product is not regulated under SARA Title III Section 311/312.

**SARA TITLE III SECTION 313 (40 CFR Part 372):** This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

### CANADIAN REGULATIONS:

**CONTROLLED PRODUCTS REGULATIONS (CPR):** This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR), as non-regulated and the MSDS contains all the information required by CPR.

**WHMIS CLASSIFICATION:** Not a Controlled Product under Canada's Workplace Hazardous Materials Information System.

## Section 16: Other information

### HMIS Classification

- The hazard classification of the chemical (e.g., flammable liquid, category): **Combustible Dust**
- Signal word: **Warning**
- Hazard statement(s): **Not applicable**
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**Caution:** HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

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## Notice to reader

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