

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) Gem-Gard MCI

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

Manufacturer	Gemite Products Inc. 1787 Drew Road, Mississauga, Ontario, L5S 1J5, Canada
Telephone	(905) 672-2020
Emergency telephone number	905 672 2020
Other means of identification	
Chemical family	Blend of organic amines based admixture – corrosion inhibitor admixture for reinforced concrete

Section 2: Hazard(s) identification

- The hazard classification of the chemical (e.g., flammable liquid, category): **Not applicable**
- Signal word: **Not applicable**
- 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

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

In the case of respiratory irritation, move to fresh air; consult a physician if symptoms persist.

If on skin

In the case of skin irritation, wash off with soap and water; consult a physician if symptoms persist.

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If in eyes

Remove contact lenses if present, and flush eyes with water for at least 15 minutes; consult a physician if symptoms persist.

If swallowed

Rinse mouth with.

Most important symptoms and effects, both acute and delayed

Inhalation: May cause respiratory irritation.

Skin contact: May cause mechanical irritation.

Eye contact: May cause eye irritation.

Ingestion: Unknown

Recommendations for immediate medical care and special treatment needed, when necessary: Get medical attention if symptoms occur.

Section 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: Carbon monoxide (CO), Nitrogen oxides (NO_x)

Advice for firefighters: None

Protective equipment: No special measures required.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear protective clothing.

Environmental precautions: Dilute with plenty of water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Section 7: Handling and Storage

Precautions for safe handling: No special measures required.

Information about protection against explosions and fires: No special measures required.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.

Specific end use(s): No further relevant information available.

Section 8: Exposure controls/personal protection

Control Parameters

Appropriate Engineering Controls Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required.

Eye/face protection: Wear goggles/face shield.

Skin Protection

Hand Protection: Use suitable protective gloves if risk of skin contact.

Other: No data available.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

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Hygiene measures: Observe good industrial hygiene practices.

Section 9: Physical and chemical properties

Appearance:

Form:	Liquid
Colour:	Dark brown
Odour:	Amine-like
Odour threshold:	Not determined.
pH-value at 20°C:	9.5-11.5 (Neat)
Melting point/Melting range:	undetermined
Boiling point/Boiling range:	undetermined
Flash point:	> 94°C
Flammability (solid, gaseous)	Not applicable.
Decomposition temperature:	Not determined.
Self igniting:	Product is not selfigniting
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure at 20°C:	23 kPa
Density at 20°C:	1.14-1.23 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Fully miscible
Segregation coefficient (n-octanol/water):	Not determined.
Organic solvents:	0.0 %
Water:	45-56 %
Solids content:	44-55 %
Other information	The above data are typical values and do not constitute a specification

Section 10: Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No data available
Incompatible Materials:	No data available
Hazardous Decomposition	
Products:	No dangerous decomposition products known

Section 11: Toxicological information

Acute toxicity:

Primary irritant effect:

Skin: Repeated or prolonged skin contact with this product may produce skin irritation.

Eye: May be irritating.

Sensitization: No sensitizing effects known.

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Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12: Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Specified substance(s):

Stearic acid **Log Kow: 8.23**

Mobility in soil: No data available.

Other adverse effects: No data available.

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**

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- **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**

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Water hazard class: Generally not hazardous for water.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Section 16: Other information

HMIS Classification

- The hazard classification of the chemical (e.g., flammable liquid, category): **Not applicable**
- Signal word: **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.

Notice to reader

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