

Safety Data Sheet

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

Revision date: June-2019

Page: Page 1 of 8

Section 1: Identification

Product Identifier (Name) Adi-Con SP 500

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 Polycarboxylate based superplasticizer for concrete

Section 2: Hazard(s) identification

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

Labeling of special preparations (GHS): Product contains the following components and may cause an allergic skin reaction: 1,2-benzisothiazol-3(2H)-one

The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Section 3: Composition/information on ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
1310-73-2	>= 0.2 - < 1.0%	Sodium Hydroxide

Safety Data Sheet

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

Revision date: June-2019

Page: Page 2 of 8

2634-33-5

>= 0.0 - < 0.1%

1,2-benzisothiazol-3(2H)-one

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 difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin

In case of contact, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

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. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms: The most significant symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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

Extinguishing media:

Foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

Cater jet

Hazards during fire-fighting:

nitrogen oxides, fumes/smoke, carbon black

Carbon dioxide, carbon monoxide, harmful vapours,

Further information: The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Do not breathe vapour/aerosol/spray mists. Wear eye/face protection. If exposed to high vapour concentration, leave area immediately. 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:

P:\- Pool\SDS\ - Adi-Con SP 500

Page 2 of 8

Safety Data Sheet

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

Revision date: June-2019

Page: Page 3 of 8

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

Section 7: Handling and Storage

Precautions for safe handling: Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Conditions for safe storage, including any incompatibilities: No applicable information available.

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

Protect from temperatures below: 5 °C (40°F)

The packed product must be protected from temperatures below the indicated one.

Section 8: Exposure controls/personal protection

No occupational exposure limits known.

Personal protective equipment:

Respiratory protection: When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

Hand protection: Wear 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 based on level of activity and exposure.

General safety and hygiene measures: Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. 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

Form:	liquid
Odour:	slight odour
Odour threshold:	No applicable information available.
Colour:	brown

Safety Data Sheet

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

Revision date: June-2019

Page: Page 4 of 8

pH value:	5 - 8	
Melting point:	No applicable information available.	
Boiling point:	approx. 100 °C	
Sublimation point:	No applicable information available.	
Flash point:	> 249 °C	(ASTM D92)
Flammability:	not determined	
Lower explosion limit:	No data available.	
Upper explosion limit:	No data available.	
Vapour pressure:	No applicable information available.	
Density:	approx. 1.05 g/cm ³ (20 °C)	
Relative density:	No applicable information available.	
Vapour density:	Heavier than air.	
Partitioning coefficient n-octanol/water (log Pow):	No data available.	
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:	No applicable information available.	
Viscosity, kinematic:	No applicable information available.	
Solubility in water:	soluble	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Evaporation rate:	No applicable information available.	
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

Section 10: Stability and reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid

See MSDS section 7 - Handling and storage.

Incompatible materials

Safety Data Sheet

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

Revision date: June-2019

Page: Page 5 of 8

strong acids, strong bases, strong oxidizing agents, strong reducing agents

Hazardous decomposition products

Decomposition products:
carbon oxides

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated

OTHER TOXICITY DATA: 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 11: Toxicological information

Primary routes of exposure: Routes of entry for solids and liquids are ingestion and inhalation but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.

Oral

No applicable information available.

Inhalation

No applicable information available.

Dermal

No applicable information available.

Assessment other acute effects

Based on available Data, the classification criteria are not met.

Irritation / corrosion

Assessment of irritating effects: No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

Sensitization

Safety Data Sheet

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

Revision date: June-2019

Page: Page 6 of 8

Assessment of sensitization: The product contains 1,2-benzisothiazolin-3-one (CAS-No.: 2634-33-5). The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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.

Persistence and degradability:

Assessment biodegradation and elimination (H₂O)

Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

The polymer component of the product is poorly biodegradable.

Bioaccumulative potential:

Assessment bioaccumulation potential

Discharge into the environment must be avoided.

Additional information:

Safety Data Sheet

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

Revision date: June-2019

Page: Page 7 of 8

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**

Section 15: Regulatory information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Not hazardous;

NFPA Hazard codes:

Health : 0 Fire: 1 Reactivity: 0 Special

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.

Safety Data Sheet

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

Revision date: June-2019

Page: Page 8 of 8

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): **Not applicable**
- 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**
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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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