
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Flocrete Antifreeze 100
- Product Part Number: C15/01/09/36

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Cold weather concreting admixture

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products Inc
- Address of Supplier: 2826 Lineberger Industrial Dr,
Lancaster,
SC 29720
- Telephone: +1 803-286-5430
- Fax: +1 803-286-5432
- Email: [Http://www.dcp-int.com/](http://www.dcp-int.com/)

1.4 Emergency telephone number

- Emergency Telephone: +1 803-286-5430 (Available during office hours)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Acute Tox. 4, Eye Dam. 1

2.2 Label elements



- Signal Word: Danger
- Hazard statements

SECTION 2: Hazards identification (....)

- H302 - Harmful if swallowed.
- H318 - Causes serious eye damage.
- H402 - Harmful to aquatic life.

- Precautionary statements

- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P310 - Immediately call a POISON CENTER or doctor/physician.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 - Avoid release to the environment.
- P264 - Wash thoroughly after handling.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P330 - Rinse mouth.
- P270 - Do not eat, drink or smoke when using this product.

2.3 Other hazards

- None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- bronopol (INN); 2-bromo-2-nitropropane-1,3-diol
 - CAS Number: 52-51-7
 - EC Number: 200-143-0
 - Concentration: < 0.02%
 - Categories: Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Acute 1
 - Symbols: GHS05, GHS07, GHS09
 - H Statements: H312, H302, H335, H315, H318, H400
- Magnesium nitrate
 - CAS Number: 10377-60-3
 - EC Number: 233-826-7
 - Concentration: < 0.01%
 - Categories: Eye Irrit. 2
 - Symbols: GHS03, GHS07
 - H Statements: H272, H319

SECTION 3: Composition/information on ingredients (....)

- reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-3-one [EC no.

CAS Number: 55965-84-9

EC Number: -

Concentration: < 0.01%

Categories: Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1

Symbols: GHS06, GHS05, GHS09

H Statements: H331, H311, H301, H314, H317, H400, H410

- Nitric acid, ammonium calcium salt

CAS Number: 15245-12-2

EC Number: 239-289-5

Concentration: 30 - 50%

Categories: Acute Tox. 4, Eye Dam. 1

Symbols: GHS05, GHS07

H Statements: H302, H318

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Inhalation
 - Remove person to fresh air and keep comfortable for breathing.
 - Seek medical advice if necessary
- Contact with skin
 - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water
 - Seek medical advice if necessary
- Contact with eyes
 - Rinse cautiously with water for several minutes.
 - Remove contact lenses, if present and easy to do. Continue rinsing.
 - Seek medical advice if necessary
- Ingestion
 - Do not induce vomiting
 - Do not give patient anything to drink
 - Rinse mouth with water (do not swallow)
 - Never give anything by mouth to an unconscious person
 - Seek medical advice if necessary
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

SECTION 4: First aid measures (....)

- May cause allergic reaction in susceptible people

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
 - Immediately call a POISON CENTER or doctor/physician.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- Wash thoroughly after dealing with spillage
- Wear protective clothing as per section 8

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Soak up with inert absorbent
- Place in appropriate container

6.4 Reference to other sections

- See Section 8
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
 - See Section 8
 - Use good personal hygiene practices
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - Wash thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
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SECTION 7: Handling and storage (....)

7.2 Conditions for safe storage, including any incompatibilities

- Keep only in the original container at a temperature not exceeding 50 °C
- Keep container tightly closed.
- Protect from frost

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls



- Wear goggles giving complete eye protection
- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Light yellow
- Odour: Characteristic odour
- Flash point - not applicable
- Boiling Point/Range: > 100 °C
- Freezing point/Range: -30 °C
- pH: 5 - 7
- Specific Gravity: 1.25 ± 0.05
- Solubility in water: Miscible with water

9.2 Other information

- None

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

SECTION 10: Stability and reactivity (....)

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep at temperature not exceeding 50 °C
- Keep away from frost

10.5 Incompatible materials

- No known incompatibilities when used for intended purposes.

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available
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SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- Miscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - Avoid release to the environment. Refer to special instructions/Safety data sheets
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SECTION 13: Disposal considerations (....)

- Do not empty into drains; dispose of this material and its container in a safe way
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SECTION 14: Transport information

14.1 Air (ICAO/IATA)

- Not classified as hazardous for transport

14.2 Road/Rail (ADR/RID)

- Not classified as hazardous for transport

14.3 Sea (IMDG)

- Not classified as hazardous for transport

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830
- This Safety Data Sheet is provided in compliance with the EC Directive 82/501/EEC (the Seveso Directive)

All the ingredients used in this product are registered or preregistered by our suppliers, and/or excluded from the regulation, and/or exempted from the registration.

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H272: May intensify fire; oxidiser. H301: Toxic if swallowed. H302: Harmful if swallowed. H311: Toxic in contact with skin. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.



Revision: 29 Dec 2020

SECTION 16: Other information (....)

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

--- end of safety datasheet ---
