

---

## 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 PC5000
- Product Part Number: C12/01/08/102

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

- Use of the substance/mixture: Concrete Admixture

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

- Name of Supplier: Ayla for Building Materials Industry & Trade
- Address of Supplier: Al-Karadeh, Arsat Al-Hindia, Baghdad
- Telephone: +964 790 1488 730
- Email: Info.iraq@dcp-int.com

#### 1.4 Emergency telephone number

- Emergency Telephone: Tel.: +964 790 1488 730

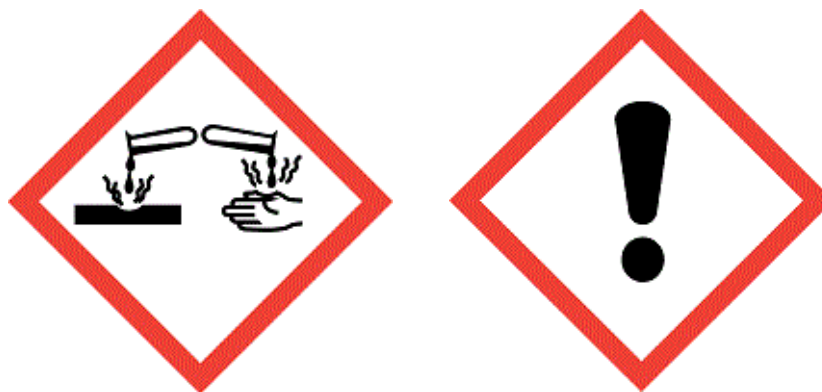
---

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

#### 2.2 Label elements



**SECTION 2: Hazards identification (....)**

- Signal Word: Danger
  - Hazard statements
    - H302 - Harmful if swallowed.
    - H318 - Causes serious eye damage.
- Contains mixture 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). May produce an allergic reaction.
- 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.
    - P264 - Wash hands thoroughly after handling.
    - 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**

- Nitric acid, ammonium calcium salt
  - CAS Number: 15245-12-2
  - EC Number: 239-289-5
  - Concentration: 25 - 35%
  - Categories: Acute Tox. 4, Eye Dam. 1
  - Symbols: GHS05, GHS07
  - H Statements: H302, H318
- Calcium nitrate
  - CAS Number: 10124-37-5
  - EC Number: 233-332-1
  - Concentration: < 5%
  - Categories: Acute Tox. 4, Eye Dam. 1
  - Symbols: GHS05, GHS07
  - H Statements: H302, H318
- (ethylenedioxy)dimethanol

---

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

CAS Number: 3586-55-8

EC Number: 222-720-6

Concentration: < 0.05%

Categories: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1

Symbols: GHS05, GHS07

H Statements: H302, H315, H318

- 5-chloro-2-methyl-2H-isothiazol-3-one

CAS Number: 26172-55-4

EC Number: 247-500-7

Concentration: < 0.01%

Categories: Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, STOT SE 3, Aquatic Acute 1

Symbols: GHS05, GHS06, GHS07, GHS09

H Statements: H301, H311, H314, H317, H318, H335, H400

- 2-methyl-2H-isothiazol-3-one

CAS Number: 2682-20-4

EC Number: 220-239-6

Concentration: < 0.01%

Categories: Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, STOT SE 3, Aquatic Acute 1

Symbols: GHS05, GHS06, GHS07, GHS09

H Statements: H301, H311, H314, H317, H318, H335, H400

---

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

- Inhalation

Remove patient to fresh air

Apply artificial respiration only if patient is not breathing

If breathing is difficult, oxygen should be given by a trained person

Seek medical advice

- 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

- Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Seek medical advice

- Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

Do not induce vomiting  
Never give anything by mouth to an unconscious person  
Seek medical advice  
Rinse mouth.

**4.2 Most important symptoms and effects, both acute and delayed**

- Causes unconsciousness
- Causes redness and irritation
- Causes dizziness, confusion, headache or stupor

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treat symptomatically
- 

**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**

- May give off noxious and toxic fumes in a fire
- Decomposition products may include nitrogen and carbon oxides

**5.3 Advice for firefighters**

- Wear self contained breathing apparatus and full protective clothing
- 

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Avoid contact with skin and eyes
- Wear protective clothing as per section 8

**6.2 Environmental precautions**

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses

**6.3 Methods and material for containment and cleaning up**

- Absorb spillage in inert material and shovel up
- Place in appropriate container

**6.4 Reference to other sections**

- See Section 8
- 

**SECTION 7: Handling and storage**

**SECTION 7: Handling and storage (....)**

## 7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.

## 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

## 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 protective gloves/protective clothing/eye protection/face protection.
- 

**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Appearance: Clear yellowish liquid
- Odour: Characteristic odour
- Flash point - not applicable
- Boiling Point/Range: 100 °C
- pH: 6 - 8
- Specific Gravity: 1.185 ± 0.005
- Solubility in water: Completely soluble in 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

## 10.3 Possibility of hazardous reactions

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

- No hazardous reactions known if used for its intended purpose

## 10.4 Conditions to avoid

- Keep at temperature not exceeding 50 °C

## 10.5 Incompatible materials

- Incompatible with acids and alkalis

## 10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
- 

**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

- No information available
- 

**SECTION 12: Ecological information**

## 12.1 Toxicity

- 2-methyl-2H-isothiazol-3-one  
EC50 (daphnia): 2.94 mg/l (48 hr)  
LC50 (fish): 4.77 mg/l (96 hr)

## 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
- 

**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
  - Do not empty into drains; dispose of this material and its container in a safe way
-

**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
- 

**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
- 

**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H301: Toxic if swallowed. H302: Harmful if swallowed. H311: Toxic 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. H335: May cause respiratory irritation. H400: Very toxic to aquatic life.

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

Revision: 21 Sept 2020

---

## **SECTION 16: Other information (....)**

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 ---

---