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## SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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

#### 1.1 Product identifier

- Product Name: Monotop
- Other means of Identification

- Product Part Number: C01/05/01/002

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

- Use of the substance/mixture: Dry shake monolithic concrete floor hardener for stamped concrete

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

- Name of Supplier: Don Construction Products/Jordan
- Address of Supplier: P.O. Box 1117  
Amman 11118  
Jordan
- Telephone: +962 6 533 8891
- Fax: +962 6 533 8829
- Email: Info.jordan@dcp-int.com

#### 1.4 Emergency telephone number

- Emergency Telephone: +962 6 533 8891 (available during work hours)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Skin Sens. 1

#### 2.2 Label elements



- Signal Word: Danger

#### Hazard statements

- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H317 - May cause an allergic skin reaction.
- H335 - May cause respiratory irritation.

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

### Precautionary statements

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P501 - Dispose of contents/container to an authorised waste collection point

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P405 - Store locked up.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P264 - Wash thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

### 2.3 Other hazards

- Contains: Cement Portland

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Cement Portland

CAS Number:	65997-15-1
EC Number:	266-043-4
Concentration:	20 - 50%
Categories:	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, STOT SE 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07, GHS05
H Statements:	H315, H318, H317, H335

#### Flue dust, portland cement

CAS Number:	68475-76-3
EC Number:	270-659-9
Concentration:	< 5%
Categories:	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, STOT SE 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS05, GHS07
H Statements:	H315, H317, H318, H335

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Get medical advice/attention.

#### Contact with skin

Wash affected area with plenty of water  
If skin irritation or rash occurs: Get medical advice/attention.  
Contaminated clothing should be laundered before reuse

#### Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Seek immediate medical attention  
Continue flushing with water until medical help arrives

#### Ingestion

Do NOT induce vomiting.  
If swallowed, rinse mouth with water (only if the person is conscious)  
Get immediate medical advice/attention.

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

#### Contact with eyes

In cases of severe exposure, irritation may develop  
Can cause damage to the eyes

#### Contact with skin

Prolonged skin or eye contact may cause chemical burns

#### Inhalation

Causes irritation  
Can cause damage to the lungs

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

- Treat symptomatically

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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

**SECTION 5: Firefighting measures (....)**

## 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

- Evacuate the area
- Ventilate area
- Avoid raising dust
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Wear suitable protective clothing

## 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

- Collect as much as possible in clean container for reuse or disposal
- Sweep or shovel-up spillage and remove to a safe place
- Use vacuum cleaner to collect spilled material
- To clean the floor and all objects contaminated by this material use water

## 6.4 Reference to other sections

- See Section 8
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Do not allow dust to accumulate on surfaces and equipment
- Eyewash bottles should be available
- Do not wear contact lenses when working with this material
- Dispose of contents/container to an authorised waste collection point
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wash contaminated clothing before reuse.

## 7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed.
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## SECTION 7: Handling and storage (....)

- Store locked up.
- Keep away from moisture
- Keep away from water

### 7.3 Specific end use(s)

- No information available
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Cement Portland

WEL (inhalable dust) (long term): 10 mg/m<sup>3</sup>

WEL (respirable dust) (long term): 4 mg/m<sup>3</sup>

### 8.2 Exposure controls



- Avoid contact with skin and eyes
  - Wear suitable protective clothing, eye/face protection and gloves
  - Wash hands thoroughly after using this substance
  - Do not eat, drink or smoke when using this product.
  - Avoid breathing dust/fume/gas/mist/vapours/spray.
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Solid
- Colour: Various
- Odour: Odourless
- Melting point/Range: Not available
- Boiling Point/Range: No information available
- Flammability: No information available
- Lower explosive limit: NA% (in air)
- Upper explosive limit: NA% (in air)
- Flashpoint: Not applicable
- Autoignition Temperature: NA
- Decomposition temperature: NA
- pH: No information available
- Kinematic viscosity: NA mm<sup>2</sup>/s
- Solubility: NA
- Vapour Pressure: Not available

**SECTION 9: Physical and chemical properties (....)**

- Density: Not available
- Vapour Density: Not available
- Particle characteristics: NA

## 9.2 Other information

- 9.2.1 Information with Regard to Physical Hazard Classes  
No Information Available
  - 9.2.2 Other Safety Characteristics  
No Information Available
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**SECTION 10: Stability and reactivity**

## 10.1 Reactivity

- Reacts with water

## 10.2 Chemical stability

- Considered stable under normal conditions
- Wet cement is alkaline and incompatible with acids, ammonium salts, aluminum or other non-noble metals. Cement dissolves into hydrofluoric acid and produces a silicon tetrafluoride corrosive gas. Cement reacts with water to form silicates and calcium hydroxide. Cement silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride and oxygen difluoride.

## 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

## 10.4 Conditions to avoid

- Keep away from moist air or water

## 10.5 Incompatible materials

- Incompatible with acid
- Ammonium salts, aluminum or other non-noble metals. Uncontrolled use of aluminum powder in wet cement should be avoided, as hydrogen is produced.

## 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

## 11.2 Information on other hazards

- 11.2.1 Endocrine disrupting properties  
No Information Available
  - 11.2.2 Information on other hazards
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**SECTION 11: Toxicological information (....)**

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

## 12.5 Results of PBT and vPvB assessment

- No information available

## 12.6 Endocrine disrupting properties

- No information available

## 12.7 Other adverse effects

- No information available
  - Reacts with water
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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
  - Do not empty into drains - dispose of this material and container in a safe way
  - Dispose of contents/container to an authorised waste collection point
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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

**SECTION 14: Transport information (....)**

- No information available

## 14.5 Special precautions for user

- No information available
- Tunnel Bulk Restriction Codes: D

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

- No information available

## 14.7 Maritime transport in bulk according to IMO instruments

- No information available
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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 Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

## 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:- H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H335: May cause respiratory irritation.

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.

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