



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

### 1.1. Product Identifier

Product Form : Solid  
Product Name :ASOCRET®-BIS-5/40  
Product Code : 0800000015  
Type of Product : Cement, Portland chemicals  
Product Group : Repair mortar

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

#### 1.2.1. Relevant identified Uses

Main use category : Professional Use  
Industrial/Professional use spec : For professional use only

#### 1.2.2. Use advised against

No additional information is available

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

AQUAFIN Pakistan (Pvt.) Ltd.  
Steel House, West Wharf Road,  
Karachi, 74000, Pakistan  
T: +92 0330 8694794  
info@aquafinPakistan.com www.aquafinPakistan.com

### 1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency Number	Comment
N/A	N/A	N/A	N/A	N/A

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]Mixture: SDS < 2015: Show CLP information only

Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 1 H318  
Specific target organ toxicity, single exposure;  
Respiratory tract irritation, Category 3 H335

#### Adverse physicochemical, human health and environmental effects

No additional information is available.

For full text of H-phrases see section 16.

### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]  
Hazard pictograms (CLP)



GHS05 GHS07

Single word (CLP)

: Danger.

Hazard statements (CLP)

: H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.

Precautionary Statements (CLP)

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 - Wear protective gloves / eye protection / face protection.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3. Other Hazards

No additional information available.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixture

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cement, portland, chemicals	(CAS No.) 65997-15-1	25.0 - 50.0	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

Full Text of H-statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. Personal protection for the First Aider. It is possible to choke in case of vomiting in unconsciousness. Bring unconscious persons into a stable position on side. Keep the respiratory tract free (remove dentures and vomiting). Check the pulse. In case of heart failure you have to make a cardiac massage. In case of stoppage of breathing: artificial respiration. Take up a doctor immediately!
First-aid measures after inhalation	: Supply fresh air or oxygen; call for a doctor.
First-aid measures after skin contact	: Instantly wash with water and soap and rinse thoroughly.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Drink copious amounts of water and provide fresh air. Instantly call for doctor.

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

Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	: None under normal use.
Symptoms/injuries after skin contact	: Contact during a long period may cause light irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: Gastrointestinal complaints.

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

No additional information is available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Not applicable.
Unsuitable extinguishing media	: Not applicable.

### 5.2. Special hazards as arising from the substance or mixture

Fire hazard	: None.
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### 5.3. Advice for firefighters

Explosion hazard	: Not applicable.
Reactivity	: Not applicable.
Firefighting instructions	: Not applicable.
Protection during firefighting	: Not applicable.
Other information	: None known.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Isolate from fire, if possible, with unnecessary risk.
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#### 6.1.1. For non-emergency personnel

Protective equipment	: Protective goggles. Gloves. Protective clothing.
Emergency procedures	: Evacuate unnecessary personnel. NO open flames, NO sparks, and NO smoking. Avoid contact with skin eyes and clothing. Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment	: Equip the cleanup crew with proper protection.
Emergency procedures	: Stop leaks if safe to do so. Stop release. Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public.

### 6.3. Methods and material for containment and cleaning up

For containment	: Pickup product mechanically, avoid dust formation.
Methods for cleaning up	: The material and its container must be disposed of in a safe way, and as per local legislation.
Other information	: Absorb the product onto porous material.

### 6.4. Reference to other sections

See headings 8 and 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes. Handle and open the container with care. Keep away from sources of ignition- No smoking.
Hygiene measures	: Wash thoroughly after handling. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Comply with applicable regulations.
Storage conditions	: Please follow the rules of the VCI-Storage-Concept for chemicals.
Incompatible products	: No special requirements.
Incompatible materials	: No special requirements.
Storage area	: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
Special rules on packaging	: Meet the legal requirements.

## SECTION 8: Exposure controls/ personal protection

### 8.1. Control parameters

#### 65997-15-1 Cement, portland, chemicals (25-50%)

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*inhalable dust \*\*respirable dust

#### 1305-62-0 calcium dihydroxide (<1%)

WEL Short-term value: 4\* mg/m<sup>3</sup>  
Long-term value: 5 1\* mg/m<sup>3</sup>  
\*respirable fraction

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information is available.

#### 8.2.2 Personal protection equipment

##### Personal protective equipment:

Gloves. Safety glasses. Protective coating.

##### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Nitrile rubber gloves. Breakthrough time: > 480 Min, (EN 374). Layer thickness: 0,35 mm. Always wash your hands after handling the product

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Ensure adequate air ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Universal mask (ABEK)

#### 8.2.2.4. Thermal hazards

No additional information is available.

#### 8.2.3. Environmental exposure controls

No additional information is available.

## SECTION 9: Physical and chemical properties

### 9.1. Information

Physical state	: Solid.
Colour	: Grey.
Odour	: Characteristic.
Odour threshold	: No data available.
pH	: 11.8 @ 20°C
pH solution	: No data available.
Relative evaporation rate (butylacetate=1)	: No data available.
Melting point	: No data available.

Freezing point	: No data available.
Boiling point	: No data available.
Flashpoint	: No data available.
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available.
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: No data available.
Relative vapour density at 20 °C	: No data available.
Relative density	: No data available.
Density	: 1.49 kg/l @ 20°C
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available.
Viscosity, kinematic	: /.
Viscosity, dynamic	: /.
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Lower explosive limit (LEL)	: Not applicable.
Upper explosive limit (UEL)	: Not applicable.

#### 9.1. Information

VOC content : /.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Not applicable.

#### 10.2. Chemical stability

Not applicable.

#### 10.3. Possibility of hazardous reactions

Not applicable.

#### 10.4. Conditions to avoid

Not applicable.

#### 10.5. Incompatible materials

Not applicable.

#### 10.6. Hazardous decomposition products

Not applicable.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effect

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: See Heading 3 (information on ingredients)

#### Calcium dihydroxide (CAS No. 1305-62-0)

LD50 oral rat	>7340 mg/kg body weight (Rat, Equivalent or similar to OCED 401; Experimental value)
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Skin corrosion/irritation	: Causes skin irritation. pH: /.
Serious eye damage/irritation	: Causes serious eye damage. pH: /.
Respiratory or skin sensitization	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology – general	: Based on available data, the classification criteria are not met..
Acute aquatic toxicity	: Based on available data, the classification criteria are not met..
Chronic aquatic toxicity	: Based on available data, the classification criteria are not met..

#### 12.2. Persistence and degradability

#### ASOCRET®-BIS-5/40

Persistence and degradability	No relevant information available.
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### 12.3. Bioaccumulative potential

#### ASOCRET®-BIS-5/40

Biocumulative potential	No supplementary information available.
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### 12.4. Mobility in soil

#### ASOCRET®-BIS-5/40

Mobility in soil	No supplementary information available.
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Ecology - soil	No supplementary information available.
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### 12.5. Results of PBT and vPvB assessment

No additional information available.

### 12.6. Other adverse effects

Additional information : Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted products or large quantities of it to reach groundwater, water bodies or sewage systems. Must not reach sewage water or drainage ditch undiluted or unneutralised. Rinse off of larger amounts into drains or the aquatic environment may lead to increased pH values. A high pH value harms aquatic organisms. In the dilution of the use level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Comply with local regulations for disposal.  
Waste treatment methods : Dispose of at a licensed site.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

## SECTION 14: Transport information

In accordance with ADR

### 14.1. UN number

UN-No. (ADR) : N/A

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : N/A

Transport document description (ADR) : N/A

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : N/A

Danger labels (ADR) : N/A

: N/A

### 14.4. Packing Group

Packaging group (ADR) : N/A

### 14.5. Environmental hazards

Dangerous for the environment : Not classified

Other information : Not classified

### 14.6. Special precautions for user

Special transport precautions : Not applicable.

#### - Overland transport

Hazard identification number (Kemler No.) : N/A

Tunnel restriction code (ADR) : D/E

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No additional information available.

#### 15.1.1. National Regulations

No additional information available.

## 15.2. Chemical safety assessment

No data available

## SECTION 16: Other information

### Full text of H- and EUH- statements:

H315	Causes skin irritation, Category 1
H318	Causes serious eye damage, Category 1
H335	May cause respiratory irritation, Category 3
H410	Very toxic to aquatic life with long-lasting effects, Category 1
H413	May cause long-lasting harmful effects on aquatic life, Category 4
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves / eye protection / face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Safety Data Sheet (MSDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product.