



## SAFETY DATA SHEET GANTRE 742

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

#### 1.1. Product identifier

Product name                      GANTRE 742

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

Identified uses                      Concrete admixture

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

Supplier                              Fosroc Idea Yapi Kimyasallari San. Ve Tic. A.S.  
Aydivevler mah. Sanayi cad. Demirtas Plaza No:13 Kat:3 34854  
Maltepe ISTANBUL  
TURKEY  
+90 216 463 6776  
enguiryturkey@fosroc.com

#### 1.4. Emergency telephone number

Emergency telephone              +90 262 728 15 05

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

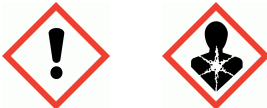
Physical hazards                      Not Classified  
Health hazards                        Skin Sens. 1 - H317 Carc. 1B - H350  
Environmental hazards              Not Classified

Human health                        See Section 11 for additional information on health hazards.

Environmental                        The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

##### Pictogram



Signal word                            Danger

Hazard statements                    H317 May cause an allergic skin reaction.  
H350 May cause cancer.

Precautionary statements           P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing vapour/ spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P405 Store locked up.  
P501 Dispose of contents/ container in accordance with national regulations.



## GANTRE 742

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. If person becomes uncomfortable seek hospital and bring these instructions.

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

**General information** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation** Low volatility makes inhalation unlikely at ambient temperature.

**Ingestion** May cause irritation of mouth, throat and digestive tract.

**Skin contact** May cause an allergic skin reaction.

**Eye contact** May be slightly irritating to eyes.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Use foam, carbon dioxide, dry powder or water fog to extinguish.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** Not known.

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### 5.3. Advice for firefighters

**Protective actions during firefighting** Fight fire with normal precautions from a reasonable distance. Avoid breathing fire gases or vapours. Containers close to fire should be removed or cooled with water. Avoid the spillage or runoff entering drains, sewers or watercourses.

**Special protective equipment for firefighters** Wear chemical protective suit. Use air-supplied respirator, gloves and protective goggles.

## SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Contain and absorb spillage with sand, earth or other non-combustible material. Take care as floors and other surfaces may become slippery. Collect and place in suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

**Reference to other sections** Collect and dispose of spillage as indicated in Section 13.

## SECTION 7: Handling and storage

## GANTRE 742

### 7.1. Precautions for safe handling

**Usage precautions** Good personal hygiene procedures should be implemented. Avoid contact with skin and eyes.

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

**Storage precautions** Store frost free in closed original container.

**Storage class** Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### FORMALDEHYDE

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### FORMALDEHYDE (CAS: 50-00-0)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 9 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term local effects: 0.375 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term local effects: 0.75 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 240 mg/kg/day</p> <p>Workers - Dermal; Long term local effects: 37 µg/cm<sup>2</sup></p>
<b>PNEC</b>	<p>- Fresh water, Marine water; 0.44 mg/l</p> <p>- STP; 0.19 mg/l</p>

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

No special precautions.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Nitrile rubber. Polyvinyl chloride (PVC).

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

#### Hygiene measures

When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.

## GANTRE 742

**Respiratory protection**      Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Gas filter, type AX.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Brown.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 6.7 - 8.7
<b>Melting point</b>	~ 0°C
<b>Initial boiling point and range</b>	100°C @ 1 atm
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	Not known.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.09 - 1.15
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

**Other information**      Not available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity**      There are no known reactivity hazards associated with this product.

## GANTRE 742

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 20,000.0

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 60,000.0

#### Acute toxicity - inhalation

**ATE inhalation (gases ppm)** 140,000.0

**General information** Known or suspected carcinogen for humans.

**Inhalation** Low volatility makes inhalation unlikely at ambient temperature.

**Ingestion** May cause irritation of mouth, throat and digestive tract.

**Skin contact** May cause an allergic skin reaction.

**Eye contact** May be slightly irritating to eyes.

**Acute and chronic health hazards** Suspected of causing genetic defects.

**Route of exposure** Skin and/or eye contact Inhalation Ingestion

**Target organs** Skin

### Toxicological information on ingredients.

#### FORMALDEHYDE

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 640 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 100.0

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 300.0

## GANTRE 742

### Carcinogenicity

**IARC carcinogenicity**      IARC Group 1    Carcinogenic to humans.

## SECTION 12: Ecological Information

**Ecotoxicity**                      Not expected to be hazardous to the environment.

### 12.1. Toxicity

**Toxicity**                              Not considered toxic to fish.

### Ecological information on ingredients.

#### FORMALDEHYDE

### Acute aquatic toxicity

**Acute toxicity - fish**              LC<sub>50</sub>, 96 hours: 36.7 mg/l, Morone Saxatilis (striped bass)

### 12.2. Persistence and degradability

**Persistence and degradability**    The degradability of the product is not known.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**        No data available on bioaccumulation.

**Partition coefficient**              Not applicable.

### 12.4. Mobility in soil

**Mobility**                              The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment**    This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects**              None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information**              When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods**                  Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General**                              The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

## GANTRE 742

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### **Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## SECTION 15: Regulatory information

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

#### **EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

#### **Abbreviations and acronyms used in the safety data sheet**

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

#### **General information**

Only trained personnel should use this material.

#### **Revision comments**

This is first issue.

#### **Revision date**

03/05/2018

#### **Revision**

1

#### **SDS number**

26425

#### **Hazard statements in full**

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H350 May cause cancer.



## GANTRE 742

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.