

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : FIXGROUT GP  
Product code : 3102

**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  
Use of the substance/mixture : Cement Based, High Strength, Non-Shrink Fluid Grout

**1.2.2. Uses advised against**

No additional information available

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

INTERFIKS YAPI KİMYASALLARI İNŞAAT SANAYİ VE TİCARET A.Ş.  
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**1.4. Emergency telephone number**

Emergency number : +90 216 487 53 45

| Country | Official advisory body  | Address   | Emergency number | Comment   |
|---------|---|---|------------------|---|
| Turkey  | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfzıssıhha Merkezi<br>Başkanlığı | Cemal Gürsel Cd. No: 18<br>Sıhhiye<br>Çankaya<br>06590 Ankara | 114              | Information is provided to public and medical personnel on poisoning incidents via 114. |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Serious eye damage/eye irritation, Category 2 H319

Full text of H statements : see section 16

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

Causes serious eye irritation.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning

Hazard statements (CLP) : H319 - Causes serious eye irritation.

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Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                       | Product identifier                         | Conc. (% w/w) | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|----------------------------|--|---------------|---|
| Cement, alumina, chemicals | (CAS-No.) 65997-16-2<br>(EC-No.) 266-045-5 | 30 – 50       | Eye Irrit. 2, H319  |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. People with over sensibility problems are not allowed to work or be exposed to the product. In all cases of doubt, or when symptoms persist, seek medical attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

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 : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media : Strong water jet.

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

Fire hazard : Keep away from ignition sources (including static discharges). Contact with combustible material may cause fire.

Reactivity in case of fire : At high temperature may liberate dangerous gases.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Precautionary measures fire : Approach from upwind. Use water spray or fog for cooling exposed containers. Keep away from combustible materials.

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|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Cool adjacent tanks / containers / drums with water jet. Do not allow water to enter the vessels, a violent reaction may occur. Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire. Keep upwind. In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  |
| Other information              | : High temperature decomposition products are harmful by inhalation. Inhalation of vapour can cause breathing difficulties.   |

## SECTION 6: Accidental release measures

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

|                  |  |
|------------------|--|
| General measures | : Eliminate every possible source of ignition. Access forbidden to unauthorised personnel. Use protective clothing. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Notify authorities if product enters sewers or public waters. Use care in walking on spilled material. Do not inhale vapour. |
|------------------|--|

#### 6.1.1. For non-emergency personnel

|                                  |   |
|----------------------------------|---|
| Protective equipment             | : Wear recommended personal protective equipment. Dust formation: dust mask. Wear suitable protective clothing, gloves and eye or face protection.  |
| Emergency procedures             | : Ventilate spillage area. Avoid contact with skin and eyes. Do not touch or walk on the spilled product. Evacuate unnecessary personnel. Mark out the contaminated area with signs and prevent access to unauthorized personnel. |
| Measures in case of dust release | : In case of dust production: protective goggles. Dust mask. In case of vapour formation use adequate respirator.   |

#### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Only qualified personnel equipped with suitable protective equipment may intervene. Wear suitable protective clothing, gloves and eye/face protection.                 |
| Emergency procedures | : Avoid contact with skin and eyes. Do not touch spilled material. Evacuate unnecessary personnel. Keep away from combustible material. Keep public away from danger area. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Ventilate area. Stop leak if safe to do so. |

### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses. Do not discharge into drains or waterways without neutralizing.

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

|                         |  |
|-------------------------|--|
| For containment         | : Comply with the safety instructions. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.   |
| Methods for cleaning up | : Mechanically recover the product. Clean up any spills as soon as possible, using an absorbent material to collect it. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Sweep or shovel spills into appropriate container for disposal. Minimise generation of dust. |
| Other information       | : Dispose of materials or solid residues at an authorized site. Dispose of contaminated materials in accordance with current regulations.  |

### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                                   |   |
|-----------------------------------|---|
| Additional hazards when processed | : Use adequate ventilation to keep vapour concentrations below applicable standard. Take all necessary technical measures to avoid or minimize the release of the product on the workplace.   |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid dust formation. Avoid prolonged and repeated contact with skin. Contaminated work clothing should not be allowed out of the workplace. Do not spray on an open flame or other ignition source. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Keep valves and fittings free from oil and grease. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Take precautionary measures against static discharge. |
| Handling temperature              | : $\geq 5\text{ }^{\circ}\text{C}$  |
| Hygiene measures                  | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.   |

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

|                              |   |
|------------------------------|---|
| Technical measures           | : Comply with applicable regulations. Containers which are opened should be properly resealed and kept upright to prevent leakage. Ensure adequate ventilation, especially in confined areas. |
| Storage conditions           | : Store in a well-ventilated place. Keep cool.  |
| Incompatible products        | : Strong acids. Strong bases. Strong oxidizing agents. Peroxides. Explosives.   |
| Incompatible materials       | : Extremely high or low temperatures.   |
| Maximum storage period       | : 12 months   |
| Heat and ignition sources    | : Do not smoke. KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources.   |
| Information on mixed storage | : Keep away from food, drink and animal feeding stuffs.   |
| Storage area                 | : Avoid : Extremely high or low temperatures. Heat and ignition sources.  |

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Carry out operations in the open/under local exhaust/ventilation or with respiratory protection. Consider the use of a work permit system e.g. for maintenance activities. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit. Measure concentrations regularly, and at the time of any change occurring in conditions likely to have consequences on workers exposure.

##### Personal protective equipment:

Safety glasses. Dust formation: dust mask.

##### Hand protection:

Protective gloves. EN 374

##### Eye protection:

Safety glasses. EN 166. Where excessive dust may result, wear goggles

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### Skin and body protection:

Wear suitable protective clothing. In case of dust production: dustproof clothing. In case of dust production: head/neck protection. Where contact with eyes or skin is likely, wear suitable protection

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Dust production: dust mask with filter type P1. Where excessive vapour may result, wear approved mask

### Personal protective equipment symbol(s):



### Environmental exposure controls:

Avoid release to the environment.

### Consumer exposure controls:

Do not eat, drink or smoke during use. Always wash hands after handling the product. Avoid contact with skin and eyes. Avoid contact during pregnancy/while nursing.

### Other information:

Always wash hands after handling the product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

## SECTION 9: Physical and chemical properties

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

|   |                                 |
|---|---------------------------------|
| Physical state                                  | : Solid                         |
| Appearance                                      | : Powder.                       |
| Colour  | : Grey.                         |
| Odour   | : odourless.                    |
| Odour threshold                                 | : No data available             |
| pH  | : No data available             |
| Relative evaporation rate (butylacetate=1)      | : No data available             |
| Melting point                                   | : No data available             |
| Freezing point                                  | : Not applicable                |
| Boiling point                                   | : No data available             |
| Flash point                                     | : Not applicable                |
| Auto-ignition temperature                       | : Not applicable                |
| Decomposition temperature                       | : No data available             |
| Flammability (solid, gas)                       | : Non flammable.                |
| Vapour pressure                                 | : No data available             |
| Relative vapour density at 20 °C                | : No data available             |
| Relative density                                | : No data available             |
| Density   | : 2.15 g/cm <sup>3</sup> ± 0,05 |
| Solubility                                      | : No data available             |
| Partition coefficient n-octanol/water (Log Pow) | : No data available             |
| Viscosity, kinematic                            | : No data available             |
| Viscosity, dynamic                              | : No data available             |
| Explosive properties                            | : No data available             |
| Oxidising properties                            | : No data available             |
| Explosive limits                                | : Not applicable                |

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Peroxides. Explosives.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Cement, alumina, chemicals (65997-16-2)

|                 |   |
|-----------------|---|
| LD50 oral rat   | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 (Acute Toxicity (Oral)) |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))  |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
  
Reproductive toxicity : Not classified  
  
STOT-single exposure : Not classified  
  
STOT-repeated exposure : Not classified  
  
Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified

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Hazardous to the aquatic environment, long-term : Not classified

(chronic)

Not rapidly degradable

### Cement, alumina, chemicals (65997-16-2)

|                    |   |
|--------------------|---|
| LC50 fish 1        | > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                 |
| EC50 Daphnia 1     | 5.4 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h algae (1) | 3.6 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                 |  |
|---------------------------------|--|
| Regional legislation (waste)    | : Disposal must be done according to official regulations. Waste Management Regulation published in the Official Journal numbered 29314 on April 2, 2015. Regulation on Incineration of Waste Materials published in the Official Journal numbered 27721 on October 6, 2010. |
| Waste treatment methods         | : Dispose of contents/container in accordance with licensed collector's sorting instructions. Do not remove as household garbage.  |
| Sewage disposal recommendations | : Disposal must be done according to official regulations.   |
| Additional information          | : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.   |

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |

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### 14.5. Environmental hazards

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
|----------------|----------------|----------------|----------------|----------------|

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. 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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

##### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : Cement, alumina, chemicals is listed

SZW-lijst van mutagene stoffen : Cement, alumina, chemicals is listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

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NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|     |   |
|-----|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
|-----|---|



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|           |   |
|-----------|---|
| ADR       | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ATE       | Acute Toxicity Estimate   |
| BCF       | Bioconcentration factor   |
| DMEL      | Derived Minimal Effect level  |
| DNEL      | Derived-No Effect Level   |
| EC50      | Median effective concentration  |
| IARC      | International Agency for Research on Cancer   |
| IATA      | International Air Transport Association   |
| IMDG      | International Maritime Dangerous Goods  |
| LC50      | Median lethal concentration   |
| LD50      | Median lethal dose  |
| LOAEL     | Lowest Observed Adverse Effect Level  |
| NOAEC     | No-Observed Adverse Effect Concentration  |
| NOAEL     | No-Observed Adverse Effect Level  |
| NOEC      | No-Observed Effect Concentration  |
| OECD      | Organisation for Economic Co-operation and Development  |
| PBT       | Persistent Bioaccumulative Toxic  |
| PNEC      | Predicted No-Effect Concentration   |
| RID       | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS       | Safety Data Sheet   |
| STP       | Sewage treatment plant  |
| TLM       | Median Tolerance Limit  |
| vPvB      | Very Persistent and Very Bioaccumulative  |
| CAS-No.   | Chemical Abstract Service number  |
| BLV       | Biological limit value  |
| BOD       | Biochemical oxygen demand (BOD)   |
| CAS       | Chemical Abstracts Service (division of the American Chemical Society)                            |
| EC-No.    | European Community number   |
| EN        | European Standard   |
| IOELV     | Indicative Occupational Exposure Limit Value  |
| N.O.S.    | Not Otherwise Specified   |
| OEL       | Occupational Exposure Limit   |
| Pow (log) | n-octanol/water partition coefficient   |
| REACH     | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| ThOD      | Theoretical oxygen demand (ThOD)  |
| TRGS      | Technical Rules for Hazardous Substances  |
| VOC       | Volatile Organic Compounds  |
| WGK       | Water Hazard Class  |

Data sources : Classification according to Regulation (EC) No. 1272/2008 [CLP]. ECHA (European Chemicals Agency).  
Supplier's safety documents.

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### Classification according to Regulation (EC) No. 1272/2008 [CLP]:

|              |      |
|--------------|------|
| Eye Irrit. 2 | H319 |
|--------------|------|

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

|              |   |
|--------------|---|
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| H319         | Causes serious eye irritation.                |

SDS EU (REACH Annex II)

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