Safety data sheet
according to 1907/2006/EC, Article 31

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

1.1 Product identifier
Trade name  Five Star grout SP

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Application of the substance / the mixture  Construction chemicals

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint-Gobain Weber Limited
Dickens House
Enterprise Way
Flitwick
Bedfordshire
MK45 5BY

1.4 Emergency telephone number: Product safety department

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Results of in vitro- tests have shown that cement based mixtures with more than 1% of cement cause serious skin irritation and serious eye damage, therefore the classification of these mixtures regarding H315 and H318 is not based on the calculation of the ingredients or the pH in this case.

- GHS05 corrosion
  Eye Dam. 1  H318 Causes serious eye damage.

- GHS07
  Skin Irrit. 2  H315 Causes skin irritation.
  Skin Sens. 1  H317 May cause an allergic skin reaction.
  STOT SE 3  H335 May cause respiratory irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void

Information concerning particular hazards for human and environment:
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Trade name: Five Star grout SP

Hazard pictograms

Signal word: Danger

Hazard-determining components of labelling:
cement portland, grey

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

Precautionary statements:
P261 Avoid breathing dust.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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/doctor.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture: consisting of the following components.

Dangerous components:

<table>
<thead>
<tr>
<th>CAS</th>
<th>EINECS:</th>
<th>Chemical Name</th>
<th>R-phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-15-1</td>
<td>266-043-4</td>
<td>cement portland, grey</td>
<td>R37/38-41; R43; STOT SE 3; H315; Skin Sens. 1; H316; E01; H318; H317; H335</td>
</tr>
</tbody>
</table>

> 50% |

Additional information:
The preparation is "low chromate" according to 2006/1907/EEC within the product shelf-life, so that the identification with R 43 (H317 + EUH203) is not applicable, when the packing was not opened in the meantime.
For the wording of the listed risk phrases refer to section 16.
SECTION 4: First aid measures

4.1 Description of first aid measures

General information
Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Generally the product does not irritate the skin.

After eye contact
Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20-30 °C).

After swallowing If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture
No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.

6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up: Pick up mechanically.

6.4 Reference to other sections
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Provide suction extractors if dust is formed.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage
Requirements to be met by storerooms and receptacles:
Store only in unopened original receptacles.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.
7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Designation of material</th>
<th>%</th>
<th>Type</th>
<th>Value Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-15-1</td>
<td>cement portland, grey</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WEL</td>
<td>Long-term value: 10** 4** mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*inhalable dust **respirable dust</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional Occupational Exposure Limit Values for possible hazards during processing:
Quartz alveolar dust (< 5 µm): 0,15 mg/m³

Additional information:
The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

8.2 Exposure controls

Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
Respiratory protection: Not required.
Protection of hands: Protective gloves.
Eye protection: Tightly sealed goggles
Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information
Appearance:
Form: Solid.
Colour: According to product specification
Odour: Characteristic
Odour threshold: Not determined.
pH-value: Not applicable.

Change in condition
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

Flash point: Not applicable
Flammability (solid, gaseous): Product is not flammable.
Ignition temperature: Not determined.
Decomposition temperature: Not determined.
### SECTION 10: Stability and reactivity

**10.1 Reactivity**

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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### SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity:**

**Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
SECTIO\n\n12: Ecological information

12.1 Toxicity
Aquatic toxicity: No further relevant information available.
12.2 Persistence and degradability No further relevant information available.
12.3 Bioaccumulative potential No further relevant information available.
Behaviour in environmental systems:
12.4 Mobility in soil No further relevant information available.
Additional ecological information:

General notes:
Do not allow product to reach ground water, water course or sewage system.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
European waste catalogue
Possible waste code. The concrete waste code depends of the source of the waste.

Uncleaned packaging:
Recommendation:
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Recommended cleaning agent: Thoroughly shake out sacks.

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA Void
14.2 UN proper shipping name
ADR, IMDG, IATA Void
14.3 Transport hazard class(es)
ADR
Class - (-)

IMDG
Class Void
Label -

IATA
Class Void

(Contd. on page 7)
**Trade name** Five Star grout SP

<table>
<thead>
<tr>
<th>Section</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.4 Packing group</td>
<td>Void</td>
</tr>
<tr>
<td>14.5 Environmental hazards:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>EMS Number:</td>
<td>-</td>
</tr>
<tr>
<td>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Transport/Additional information:</td>
<td>Not dangerous according to the above specifications.</td>
</tr>
<tr>
<td>UN &quot;Model Regulation&quot;:</td>
<td>UN-, -</td>
</tr>
</tbody>
</table>

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R43 May cause sensitisation by skin contact.

**Department issuing MSDS:** Product safety department.

**Contact:**
Dr Sara Kelly
SHEQ Systems Manager
weber
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Fax: 01525 718988
Email: sara.kelly@netweber.co.uk

**Abbreviations and acronyms:**
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
Trade name  Five Star grout SP

EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3