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

1.1 Product identifier
Trade name weber.pral M
Safety data sheet no.: 44P45948

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
Dickens House
Enterprise Way
Flitwick
Bedford.
MK45 5BY
Tel: +44(0)1525 718877
Web: www.netweber.co.uk
email:sara.kelly@netweber.co.uk

1.4 Emergency telephone number: +44(0) 8703 330070 Office hours only (08.30-17.00 UK time)

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.

Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.

Signal word Danger

Hazard-determining components of labelling:
cement, portland, white
calcium dihydroxide

Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.

(Contd. on page 2)
Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P280 Wear protective gloves / 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.
P321 Specific treatment (see on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P332+P313 If skin irritation occurs: Get medical advice/attention.

Additional information:
Contains portland cement with a soluble chromium VI content under 2 ppm during the conservation period indicated on the packaging.

Information according to the Biocidal Products Regulation (EU) 528/2012: this product contains a biocidal product.
Active substance: Terbutryn (CAS no.: 886-50-0)

2.3 Other hazards
The product contains silica sand with less than 1% of fine fraction and therefore is not classified as hazardous; however, pay attention when handling and follow the indications relating to personal protective equipment.
The product contains white cement with a content of soluble chromium (VI) below 0.0002% (2ppm), it doesn’t need a reducing agent

Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture of substances listed below with non hazardous additions.

Dangerous components:

| CAS: 65997-15-1 | cement, portland, white | Eye Dam. 1; H318; Skin Irrit. 2; H315; STOT SE 3, H335 |
| EINECS: 266-043-4 | 10-20% |

| CAS: 1305-62-0 | calcium dihydroxide | Eye Dam. 1; H318; Skin Irrit. 2; H315; STOT SE 3, H335 |
| EINECS: 215-137-3 | Reg.nr.: 01-2119475151-45-xxxx | 2-5% |

SVHC Void

Additional information
The product contains silica sand composed of quartz (crystalline silica) with a fine fraction below 1%. The respirable fraction has an occupational exposure limit value (cf. section 8).
The mixture is "low chromate" according to the Regulation (EC) No 1272/2008 within the product shelf-life, so that the classification with H317 is not applicable, when the packing was not opened in the meantime.
The product contains white cement with a content of soluble chromium (VI) below 0.0002% (2 ppm). It doesn’t need any chromate reducing agent.
For the wording of the listed hazard 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
If skin irritation continues, consult a doctor. Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin.

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

After swallowing If symptoms persist consult a 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

Prevent formation of dust.
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.
8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:

**DNELs**

<table>
<thead>
<tr>
<th>CAS: 471-34-1 calcium carbonate</th>
<th>Inhalative Derived No Effect Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.36 mg/m³ (worker local long term value)</td>
<td></td>
</tr>
<tr>
<td>1.06 mg/m³ (consumer local long term value)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS: 1305-62-0 calcium dihydroxide</th>
<th>Inhalative Derived No Effect Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mg/m³ (consumer local long term value)</td>
<td></td>
</tr>
<tr>
<td>4 mg/m³ (consumer local short term value)</td>
<td></td>
</tr>
</tbody>
</table>

**PNECs**

<table>
<thead>
<tr>
<th>CAS: 1305-62-0 calcium dihydroxide</th>
<th>Predicted No Effect Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.49 mg/l (fresh water rating factor)</td>
<td></td>
</tr>
<tr>
<td>1.08 mg/l (soil/groundwater)</td>
<td></td>
</tr>
</tbody>
</table>

<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, white</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>*inhalable dust **respirable dust</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS: 1305-62-0 calcium dihydroxide</td>
<td>WEL</td>
<td>Short-term value: 4* mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long-term value: 5 1* mg/m³</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*respirable fraction</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional Occupational Exposure Limit Values for possible hazards during processing:
Quartz respirable 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.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Use a moisturising skin cream after processing the product.
Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.
Protection of hands: Protective gloves.
Material of gloves Nitrile impregnated cotton gloves complying with the standard EN 374-1.
Eye protection: Tightly sealed goggles
## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
<td>Powder</td>
</tr>
<tr>
<td><strong>Form:</strong></td>
<td>Powder</td>
</tr>
<tr>
<td><strong>Colour:</strong></td>
<td>White</td>
</tr>
<tr>
<td><strong>Odour:</strong></td>
<td>Characteristic</td>
</tr>
<tr>
<td><strong>Odour threshold:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>pH-value:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Melting point/freezing point:</strong></td>
<td>Undetermined.</td>
</tr>
<tr>
<td><strong>Initial boiling point and boiling range:</strong></td>
<td>Undetermined.</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>Flammability (solid, gas):</strong></td>
<td>Product is not flammable.</td>
</tr>
<tr>
<td><strong>Ignition temperature:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Decomposition temperature:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Auto-ignition temperature:</strong></td>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td><strong>Explosive properties:</strong></td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td><strong>Explosion limits:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Lower:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Upper:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Oxidising properties:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Vapour pressure:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Density:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Relative density</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Vapour density</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Evaporation rate</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Solubility in / Miscibility with Water:</strong></td>
<td>Unsoluble.</td>
</tr>
<tr>
<td><strong>Segregation coefficient (n-octanol/water) log Pow:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Viscosity:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>dynamic:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>kinematic:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Solvent content:</strong></td>
<td>0.0 %</td>
</tr>
<tr>
<td><strong>Organic solvents:</strong></td>
<td>0.00 %</td>
</tr>
<tr>
<td><strong>EU-VOC (%)</strong></td>
<td>0.00 %</td>
</tr>
<tr>
<td><strong>EU-VOC (g/L)</strong></td>
<td>0.0 g/l</td>
</tr>
<tr>
<td><strong>Solids content:</strong></td>
<td>100.0 %</td>
</tr>
</tbody>
</table>

### 9.2 Other information

No further relevant information available.
SECTION 10: Stability and reactivity

10.1 Reactivity
No further relevant information available.

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
Reacts with light alloys in the presence of moisture to form hydrogen

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.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 1317-65-3 limestone</td>
<td>Oral</td>
<td>LD50 &gt;5,000 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td>CAS: 471-34-1 calcium carbonate</td>
<td>Oral</td>
<td>LD50 6,450 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal</td>
<td>LD50 6,450 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td>CAS: 65997-15-1 cement, portland, white</td>
<td>Dermal</td>
<td>LD50 &gt;2,000 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>CAS: 1305-62-0 calcium dihydroxide</td>
<td>Oral</td>
<td>LD50 7,340 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dermal</td>
<td>LD50 &gt;2,500 mg/kg (Rabbit)</td>
<td></td>
</tr>
</tbody>
</table>

Primary irritant effect:
Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/irritation
Causes serious eye damage.

Respiratory or skin sensitisation
Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
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
Based on available data, the classification criteria are not met.

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 Toxicty
Aquatic toxicity: No further relevant information available.

<table>
<thead>
<tr>
<th>Type of test</th>
<th>Effective concentration</th>
<th>Method Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 1317-65-3 limestone</td>
<td>LC50/96h &gt;10,000 mg/l (Oncorhynchus mykiss (Rainbow trout))</td>
<td></td>
</tr>
</tbody>
</table>
8.1.28

EC50/48h >1,000 mg/l (Daphnia magna)
EC50/72h >200 mg/l (Algae)

CAS: 471-34-1 calcium carbonate
EC50/72h 14 mg/l (Algae)

CAS: 1305-62-0 calcium dihydroxide
LC50/96h 158 mg/l (Daphnia magna)
>50.6 mg/l (Fish)
EC50/48h 49.1 mg/l (Daphnia magna)
EC50/72h 184.57 mg/l (Algae)

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.

Ecotoxic effects:
Remark:
The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

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: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.

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 on the source of the waste.

HP 4 Irritant - skin irritation and eye damage

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
ADR, ADN, IMDG, IATA
Void

14.2 UN proper shipping name
ADR, ADN, IMDG, IATA
Void

14.3 Transport hazard class(es)
ADR
Class
- (-)

ADN/R Class:
Void

14.4 Packing group
ADR, IMDG, IATA
Void

14.5 Environmental hazards:
Not applicable.
14.6 Special precautions for user
Danger code (Kemler): Not applicable.
EMS Number: -

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Transport/Additional information: Not dangerous according to the above specifications.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

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.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Department issuing SDS: Quality Department
Contact: Dr S. Kelly; tel. + 44 (0) 1525 718877

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
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
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)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* Data compared to the previous version altered.
According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.