

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 27.02.2019

Version number 3

Revision: 22.02.2019

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.ukemail: 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.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

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.

Hazard pictograms

GHS05

Signal word Danger**Hazard-determining components of labelling:**

cement, portland, white

calcium dihydroxide

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

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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 EINECS: 266-043-4 | cement, portland, white ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335 | 10-20% |
| CAS: 1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45-xxxx | calcium dihydroxide ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335 | 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.

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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.

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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:

| DNELs | | | | | |
|--|--|--|------|-------|------|
| CAS: 471-34-1 calcium carbonate | | | | | |
| Inhalative | Derived No Effect Level | 6.36 mg/m ³ (worker local long term value) 1.06 mg/m ³ (consumer local long term value) | | | |
| CAS: 1305-62-0 calcium dihydroxide | | | | | |
| Inhalative | Derived No Effect Level | 1 mg/m ³ (consumer local long term value) 4 mg/m ³ (consumer local short term value) | | | |
| PNECs | | | | | |
| CAS: 1305-62-0 calcium dihydroxide | | | | | |
| Predicted No Effect Concentration | | 0.49 mg/l (fresh water rating factor) 1.08 mg/l (soil/groundwater) | | | |
| CAS No. | Designation of material | % | Type | Value | Unit |
| CAS: 65997-15-1 cement, portland, white | | | | | |
| WEL | Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust | | | | |
| CAS: 1305-62-0 calcium dihydroxide | | | | | |
| WEL | Short-term value: 4* mg/m ³ Long-term value: 5 1* mg/m ³ *resprable fraction | | | | |

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

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Body protection: Protective work clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|------------------|-----------------|
| Form: | Powder |
| Colour: | White |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |

pH-value: Not applicable.

Change in condition

| | |
|--|---------------|
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | Undetermined. |

Flash point: Not applicable

Flammability (solid, gas): Product is not flammable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

| | |
|--------|-----------------|
| Lower: | Not determined. |
| Upper: | Not determined. |

Oxidising properties: Not determined.

Vapour pressure: Not applicable.

Density: Not applicable.

Relative density: Not determined.

Vapour density: Not applicable.

Evaporation rate: Not applicable.

Solubility in / Miscibility with

Water: Insoluble

Segregation coefficient (n-octanol/water) log

Pow: Not determined.

Viscosity:

| | |
|------------|-----------------|
| dynamic: | Not applicable. |
| kinematic: | Not applicable. |

Solvent content:

| | |
|-------------------|---------|
| Organic solvents: | 0.0 % |
| EU-VOC (%) | 0.00 % |
| EU-VOC (g/L) | 0.0 g/l |
| Solids content: | 100.0 % |

9.2 Other information: No further relevant information available.

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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:

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

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 (carcinogenity, 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 Toxicity

Aquatic toxicity: No further relevant information available.

| Type of test | Effective concentration | Method | Assessment |
|---------------------------------|-------------------------|----------------------|------------------|
| CAS: 1317-65-3 limestone | | | |
| LC50/96h | >10,000 mg/l | (Oncorhynchus mykiss | (Rainbow trout)) |

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| | |
|--|--|
| 14.6 Special precautions for user | Not applicable. |
| Danger code (Kemler): | - |
| EMS Number: | - |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| Transport/Additional information: | Not dangerous according to the above specifications. |
| UN "Model Regulation": | Void |

SECTION 15: Regulatory information

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.