

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 31.05.2017

Version number 2

Revision: 12.03.2015

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

1.1 Product identifier

Trade name weber.rend LAC

Safety data sheet no.: 44P45975

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.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory 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 GHS07

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Signal word Danger

Hazard-determining components of labelling:

cement portland, grey

calcium dihydroxide

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

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.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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/Physician

P321 Specific treatment (see on this label).

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
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: consisting of the following components.

Dangerous components:

| | | |
|---|---|----------|
| CAS: 65997-15-1 EINECS: 266-043-4 | cement portland, grey ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 | 10 - 25% |
| 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 | 5 - 10% |

SVHC Void

Additional information

The mixture 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 hazard phrases refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Immediately remove any clothing soiled by the product.

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 and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

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: Ensure adequate ventilation.

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

Keep receptacles tightly sealed.

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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: Store away from foodstuffs.

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

471-34-1 calcium carbonate

| | | |
|------------|-------------------------|---|
| Inhalative | Derived No Effect Level | 4.26 mg/m ³ (worker local long term value) |
| | | 1.06 mg/m ³ (consumer local long term value) |

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

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 |
|---|--|---|------|-------|------|
| 65997-15-1 cement portland, grey | | | | | |
| WEL | Long-term value: 10* 4** mg/m ³ | | | | |
| | *inhalable dust **respirable dust | | | | |
| 1305-62-0 calcium dihydroxide | | | | | |
| WEL | Long-term value: 5 mg/m ³ | | | | |

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.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

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Avoid contact with the eyes and skin.

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.

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/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: | Unsoluble |
|---------------|-----------|

Segregation coefficient (n-octanol/water) log

| | |
|-------------|-----------------|
| Pow: | Not determined. |
|-------------|-----------------|

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| | |
|------------------------------|--|
| Viscosity: | |
| dynamic: | Not applicable. |
| kinematic: | Not applicable. |
| Solvent content: | |
| Organic solvents: | 0.0 % |
| Water: | 0.4 % |
| EU-VOC | 0.00 % |
| Solids content: | 99.6 % |
| 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:

| Components | Type | Value | Species |
|---|------|--------------|----------|
| 65997-15-1 cement portland, grey | | | |
| Dermal | LD50 | > 2000 mg/kg | (Rabbit) |
| 471-34-1 calcium carbonate | | | |
| Oral | LD50 | >2000 mg/kg | (Rat) |
| Dermal | LD50 | >2000 mg/kg | (Rat) |
| 1305-62-0 calcium dihydroxide | | | |
| Oral | LD50 | 7340 mg/kg | (Rat) |
| Dermal | LD50 | > 2500 mg/kg | (Rabbit) |

- Primary irritant effect:**
Skin corrosion/irritation
Causes skin irritation.
- Serious eye damage/irritation**
Causes serious eye damage.
- Respiratory or skin sensitisation**
May cause an allergic skin reaction.
- 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.

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Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure

May cause respiratory irritation.

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

Ecotoxicological 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.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

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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 EMS Number: | Not applicable. - |
| 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.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Department issuing SDS: Quality Department

Contact: Dr S. Kelly; tel. + 44 (0) 1525 718877

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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
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* **Data compared to the previous version altered.**

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