

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.08.2015

Revision: 11.08.2015

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

1.1 Product identifierTrade name weber.tec solvent**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

Further information obtainable from:

Dr Sara Kelly
 SHEQ Systems Manager
 Weber
 Tel: 01525 722145
 Fax: 01525718988
 Email: sara.kelly@netweber.co.uk

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



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

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.

Hazard pictograms

GHS05

Signal word Danger

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Hazard-determining components of labelling:

Alkohole,C 9 - 11,ethoxyliert

Hazard statements

H318 Causes serious eye damage.

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/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.

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 of substances listed below with nonhazardous additions.**Dangerous components:**

| | | |
|------------------------------------|---|--------|
| CAS: 100-51-6 EINECS: 202-859-9 | Benzyl alcohol ☒ Xn R20/22; ☒ Xi R36 ☒ Acute Tox. 4, H302; Acute Tox. 4, H332 | 2 - 5% |
| CAS: 68439-46-3 | Alkohole,C 9 - 11,ethoxyliert ☒ Xn R22; ☒ Xi R38-41 ☒ Eye Dam. 1, H318; ☒ Acute Tox. 4, H302; Skin Irrit. 2, H315 | 2 - 5% |

Additional information 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

May cause irritation of respiratory tract - Cough - tightness of chest.

Move to fresh air.

Keep at rest.

In case of shortness of breath, give oxygen.

Seek medical attention.

After skin contact

Wash off immediately with soap and water. Seek medical assistance if irritation or symptoms persist.

After eye contact

Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. If pain persists seek medical advice.

After swallowing Do NOT induce vomiting. Rinse mouth. Call physician immediately.

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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** Alcohol resistant foam, powder or carbon dioxide.**5.2 Special hazards arising from the substance or mixture** Flammable (Flash point >86OC)**5.3 Advice for firefighters****Protective equipment:**

No special measures required.

In the event of a large fire, self-contained breathing apparatus should be worn.

Oxides of nitrogen and carbon are released under fire conditions.

Additional information

Heat from a fire could possibly result in drums bursting. Vapour may travel long distances to source of ignition.

Do not permit spillages to enter drains, soil or surface water.

Dispose of all hazardous waste according to local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Wear personal protective equipment (see section 8).

6.2 Environmental precautions: Do not allow to enter drains, soil or surface water.**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of waste according to local/national/regional regulations.

Local authorities should be informed if significant spillages cannot be contained.

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

Precautions should be taken against skin and eye contact. Avoid inhalation of vapour, mist or fume.

Refer to Section 8 for suitable protective clothing.

Information about fire - and explosion protection:

Store away from sources of strong heat, sparks, open flames and strong oxidising chemicals.

7.2 Conditions for safe storage, including any incompatibilities**Storage****Requirements to be met by storerooms and receptacles:**

Keep containers tightly closed in a cool, dry, well ventilated place.

Take precautionary measures to prevent spills into drains, soil or water.

External tanks should be banded.

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Avoid direct sunlight.
 Avoid extremes of humidity.
 Recommended storage temperature 5-40°C.
 Storage life 12 months minimum.
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:

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:

In case of insufficient ventilation, wear respiratory equipment with appropriate filter.

Protection of hands: Protective gloves.

Material of gloves: Nitrile rubber, NBR

Eye protection: Tightly sealed goggles

Body protection: Chemical resistant overalls and closed safety footwear.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

| | |
|-------------------------|-----------------|
| Form: | Liquid |
| Colour: | Colourless |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |

| | |
|------------------|-----------------|
| pH-value: | Not applicable. |
|------------------|-----------------|

Change in condition

| | |
|-------------------------------------|---------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 200 °C (DIN) |

| | |
|---------------------|-----------------------|
| Flash point: | 101 °C (DIN ISO 2592) |
|---------------------|-----------------------|

| | |
|---------------------------------------|-----------------|
| Flammability (solid, gaseous): | Not applicable. |
|---------------------------------------|-----------------|

| | |
|------------------------------|--------------------|
| Ignition temperature: | 435 °C (DIN 51794) |
|------------------------------|--------------------|

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| | |
|---|---|
| Decomposition temperature: | Not determined. |
| Self-igniting: | Product is not selfigniting. |
| Danger of explosion: | Product does not present an explosion hazard. |
| Explosion limits: | |
| Lower: | 1.3 Vol % (DIN 51649) |
| Upper: | 13.0 Vol % (DIN 51649) |
| Oxidising properties | Not determined. |
| Vapour pressure: | Not determined. |
| Density at 20 °C: | 1.085 g/cm ³ (DIN 51757) |
| Bulk density: | Not applicable. |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |
| Solubility in / Miscibility with Water: | Not miscible or difficult to mix |
| Segregation coefficient (n-octanol/water) log Pow: | Not determined. |
| Viscosity: | |
| dynamic: | Not determined. |
| kinematic: | Not determined. |
| Solvent separation test: | Not determined |
| Solvent content: | |
| Organic solvents: | 5.0 % |
| EU-VOC | 5.00 % |
| 9.2 Other information | No further relevant information available. |

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 Excessive sunlights, heat, flames, sparks.

10.5 Incompatible materials: Strong oxidising agents and concentrated mineral acids.

10.6 Hazardous decomposition products:

Possible thermal decomposition products include oxides of nitrogen and carbon.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

| Components | Type | Value | Species |
|--------------------------------|----------|---------------------|---------|
| 100-51-6 Benzyl alcohol | | | |
| Oral | LD50 | 1230 mg/kg (rat) | |
| Dermal | LD50 | 2000 mg/kg (rabbit) | |
| Inhalative | LC50/4 h | 4178 mg/l (rat) | |

Primary irritant effect:

on the skin: Skin irritation possible due to drying effect.

on the eye: Strong irritant with the danger of severe eye injury.

Sensitisation: No sensitising effects known.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

| Type of test | Effective concentration | Method | Assessment |
|--------------------------------|-------------------------|----------------------------------|------------|
| 100-51-6 Benzyl alcohol | | | |
| EC 10 | 400 mg/l | (pseudomonas putida (Bacteria)) | |
| EC50/24h | 400 mg/l | (water flea) | |
| EC50/96h | 400 mg/l | (water flea) | |
| | 640 mg/l | (scenedesmus quadricauda (Alge)) | |
| LC50/48h | 645 mg/l | (orfe) | |
| LC50/96h | 10 mg/l | (sunfish) | |
| | 460 mg/l | (monnow) | |

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential

| | |
|--------------------------------|-------------------------------|
| 100-51-6 Benzyl alcohol | |
| EBAB | 1.1 log Pow (Bioakkumulation) |

Behaviour in environmental systems:

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Behaviour in sewage processing plants:

| Type of test | Effective concentration | Method | Assessment |
|--------------------------------|-------------------------|----------------------------------|------------|
| 100-51-6 Benzyl alcohol | | | |
| EC 50 (3h) | 79 mg/l | (scenedesmus quadricauda (Alge)) | |
| Other information: | | | |
| 100-51-6 Benzyl alcohol | | | |
| BSB (5) | 1550 mg | O ₂ /g (-) | |

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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:** Dispose of according to local /regional /national regulations.

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, IATA Class | Void |
| IMDG Class Label | 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. - |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| Transport/Additional information: | Not dangerous according to the above specifications. |
| UN "Model Regulation": | UN-, - |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

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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

H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H332 Harmful if inhaled.
 R20/22 Harmful by inhalation and if swallowed.
 R22 Harmful if swallowed.
 R36 Irritating to eyes.
 R38 Irritating to skin.
 R41 Risk of serious damage to eyes.

Department issuing MSDS: Product safety department.

Contact:

Dr Sara Kelly
 SHEQ Systems manager
 weber
 Tel 01525 722145
 Fax: 01525718988
 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
 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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Acute Tox. 4: Acute toxicity, Hazard Category 4
 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
 Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1