

1 IDENTIFICATION OF HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product identifier

Trade name Weberfloor Liquid Hardener & Dustproof

Safety data sheet no.: XXP014692

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

Details of the supplier of the safety data sheet Manufacturer/Supplier:

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2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation.

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

Signal word Danger

Hazard-determining components of labelling:

Silicic acid, sodium salt

Hazard statements

H315 Causes skin irritation.

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H318 Causes serious eye damage.
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.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

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

3 COMPOSITION AND INFORMATION OF THE INGREDIENTS

Chemical characterisation: Mixtures

Description: Mixture of substances listed below with non hazardous additions.

| Dangerous components: | | |
|-----------------------------|---|--------|
| CAS: 1344-09-8 | Silicic acid, sodium salt | 25-50% |
| EINECS: 215-687-4 | Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT | |
| Reg.nr.: 2119448725-31-XXXX | SE 3,H335 | |

SVHC Void

Additional information For the wording of the listed hazard phrases refer to section 16.

4 FIRST AID MEASURES

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; consult doctor in case of complaints.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

After eye contact

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

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After swallowing

If symptoms persist consult a doctor.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

If swallowed, gastric irrigation with added, activated carbon.

5 FIRE-FIGHTING MEASURES

Extinguishing media Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water sprayer or alcohol resistant foam.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Dilute with plenty of water.

Do not allow product to reach sewage system or any water course.

Methods and material for containment and cleaning up:

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

Use neutralising agent.

Ensure adequate ventilation.

Dispose of contaminated material as waste according to item 13.

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.

7 HANDLING AND STORAGE

Precautions for safe handling

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Store in cool, dry place in tightly closed receptacles.

Information about fire - and explosion protection: Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

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Store only in unopened original receptacles.
Insure sufficient ventilation for storage and work areas.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Specific end use(s) No further relevant information available.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

Control parameters

Ingredients with limit values that require monitoring at the workplace:

| DNELs | | |
|--|-------------------------|--|
| CAS: 1344-09-8 Silicic acid, sodium salt | | |
| Oral | Derived No Effect Level | 0.8 mg/kgxday (consumer long term value) |
| Dermal | Derived No Effect Level | 0.8 mg/kgxday (consumer long term value) |
| Inhalative | Derived No Effect Level | 1.59 mg/kgxday (worker systemic long term value) |
| | | 1.38 mg/m ³ (consumer long term value) |
| | | 5.61 mg/m ³ (worker systemic long term value) |

Additional information:

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

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.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection:

Short term filter device:

Filter P2.

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 rubber, NBR Natural rubber, NR

Eye protection: Tightly sealed goggles

Body protection: Protective work clothing

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Trade name Weberfloor Liquid Hardener & Dustproofer

| | |
|---|---|
| Appearance: | |
| Form: | Liquid |
| Colour: | Clear |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| pH-value: | Alkaline |
| Change in condition | |
| Melting point/freezing point: | Undetermined. |
| Initial boiling point and boiling range: | Undetermined. |
| Flash point: | Not applicable |
| Flammability (solid, gas): | Not applicable. |
| 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 determined. |
| Density: | Not determined |
| Bulk density: | Not applicable. |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |
| Solubility in / Miscibility with Water: | Fully miscible |
| Segregation coefficient (n-octanol/water) log Pow: | Not determined. |
| Viscosity: | |
| dynamic: | Not determined. |
| kinematic: | Not determined. |
| Solvent separation test: | Not applicable. |
| Solvent content: | |
| EU-VOC | 0.00 % |
| 9.2 Other information | No further relevant information available. |

10 STABILITY AND REACTIVITY

Reactivity No further relevant information available.

Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

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Possibility of hazardous reactions No dangerous reactions known
Conditions to avoid No further relevant information available.
Incompatible materials: No further relevant information available.
Hazardous decomposition products: No dangerous decomposition products known.

11 TOXICOLOGICAL INFORMATION

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: 1344-09-8 Silicic acid, sodium salt | | | |
| Oral | LD50 | 3,400 mg/kg (Rat) | |
| Dermal | LD50 | >5,000 mg/kg (Rat) | |

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

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.

12 ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: Not classified as harmful to aquatic life

| Type of test | Effective concentration | Method | Assessment |
|---|-------------------------|-----------------------------------|------------|
| CAS: 1344-09-8 Silicic acid, sodium salt | | | |
| LC50/48h | >100 mg/l | (Fish) | |
| LC50/96h | 1,108 mg/l | (Brachydanio rerio (zebra danio)) | |
| EC50/48h | >100 mg/l | (Activated sludge) | 1,700 mg/l |

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Revision: 30.12.2020

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(Daphnia magna)

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Behaviour in environmental systems:

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.

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

Other adverse effects No further relevant information available.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation Dispose of the product in accordance with national and local regulations.

European waste catalogue

Possible waste code. The concrete waste code depends on the source of the waste.

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.

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, ADN, IMDG, IATA Class | Void |
| 14.4 Packing group ADR, IMDG, IATA | Void |
| 14.5 Environmental hazards: | Not applicable. |
| 14.6 Special precautions for user | Not applicable. |

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| | |
|--|-----------------|
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| UN "Model Regulation": | Void |

15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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

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: Research & Development

Contact: Mrs. K. Locolas Tel: 06-32135043

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)

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.**