

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.12.2022

Version number 5

Revision: 16.12.2022

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

1.1 Product identifier

Trade name **weber CL150**

Safety data sheet no.: 44P45957

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

Bedfordshire MK45 5BY

Tel.: 01525 718877

webersds@saint-gobain.com

1.4 Emergency telephone number:

UK: NHS 111 (Members of the public)

UK NPIS 24-hour telephone helpline: +44 (0)344 892 0111 (Healthcare professionals only)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

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

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms

GHS07 GHS09

Signal word Warning

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Hazard-determining components of labelling:

2-Octyl-2H-isothiazol-3-one
alkyl(C=12-18) benzyl dimethyl ammonium chloride
didecyldimethylammonium chloride

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
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.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.
Information according to the Biocidal Products Regulation (EU) 528/2012: this product contains biocidal products. Active substance: alkyl(C=12-18) benzyl dimethyl ammonium chloride, didecyldimethylammonium chloride, octhilinone (ISO); 2-octyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

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 of substances listed below with non hazardous additions.

Dangerous components:

| | | |
|--------------------------------------|---|----------|
| CAS: 68391-01-5 EINECS: 269-919-4 | alkyl(C=12-18) benzyl dimethyl ammonium chloride Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302 | ≥2-<2.5% |
|--------------------------------------|---|----------|

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| | | |
|--|--|---------------------------------|
| CAS: 7173-51-5 EINECS: 230-525-2 Index number: 612-131-00-6 Reg.nr.: 01-2119945987-15-xxxx | didecyldimethylammonium chloride ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302 | (Contd. of page 2) ≥0.25-<1% |
| CAS: 26530-20-1 EINECS: 247-761-7 Index number: 613-112-00-5 Reg.nr.: 01-2120768921-45-xxxx | 2-Octyl-2H-isothiazol-3-on ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C≥ 0.0015 % | ≥0.025-<0.1% |

Additional information 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

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. If symptoms persist, consult a 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.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

In case of seepage into the ground inform responsible authorities.

Inform respective authorities in case of seepage into water course or sewage system.

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

Contain the spilled liquid. Use appropriate containment to avoid environmental contamination.

Do not allow to penetrate the ground/soil.

6.3 Methods and material for containment and cleaning up:

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

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.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

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

8.1 Control parameters

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

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.

Material of gloves NBR (Nitrile Rubber) DIN EN 374-III

Eye protection:

Safety glasses.

Wear safety glasses or visor helmet for spray application.

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:

| | |
|-------------------------|------------------------------------|
| Form: | Liquid |
| Colour: | According to product specification |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |

| | |
|---------------------------|---|
| pH-value at 20 °C: | 7 |
|---------------------------|---|

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 self-igniting. |
|-----------------------------------|-------------------------------|

| | |
|------------------------------|---|
| Explosive properties: | Product does not present an explosion hazard. |
|------------------------------|---|

Explosion limits:

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

| | |
|----------------------------------|--------------------|
| Vapour pressure at 20 °C: | 48 hPa (DIN 51640) |
|----------------------------------|--------------------|

| | |
|-----------------|----------------|
| Density: | Not determined |
|-----------------|----------------|

| | |
|-------------------------|-----------------|
| Bulk density: | Not applicable. |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |

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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:

0.4 %

Water:

90.0 %

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 No dangerous reactions known

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: 68391-01-5 alkyl(C=12-18) benzyl dimethyl ammonium chloride | | | | | | |
| Oral | LD50 | | | 400 mg/kg (Rat) | | |
| CAS: 7173-51-5 didecyldimethylammonium chloride | | | | | | |
| Oral | LD50 | | | 490-970 mg/kg (Fish) | | |
| | | | | 238-264 mg/kg (Rat) | | |
| Dermal | LD50 | | | 3,342 mg/kg (Rabbit) | | |
| CAS: 26530-20-1 2-Octyl-2H-isothiazol-3-on | | | | | | |
| Oral | LD50 | | | 125 mg/kg (ATE) | | |
| Dermal | LD50 | | | 311 mg/kg (ATE) | | |
| Inhalative | LC50/4 h | | | 0.27 mg/l (ATE) | | |

Primary irritant effect:
Skin corrosion/irritation

Causes skin irritation.

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Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction to already sensitised individuals (supplemental labelling EUH208 in Europe)

May cause an allergic skin reaction.

Additional toxicological information:

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 Toxicity

Aquatic toxicity: Very toxic to aquatic life with long lasting effects.

Type of test / Effective concentration / Method / Assessment

CAS: 7173-51-5 didecyldimethylammonium chloride

EC50/48h 29-57 mg/l (Daphnia magna)

NOEC (21d) 0.021 mg/l (Daphnia magna)

CAS: 26530-20-1 2-Octyl-2H-isothiazol-3-on

LC50/48h 0.181 mg/l (Daphnia magna)

LC50/96h 0.122 mg/l (Fish)

EC50/48h 0.42 mg/l (Daphnia magna)

EC50/96h 0.15 mg/l (Algae)

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

CAS: 7173-51-5 didecyldimethylammonium chloride

EBAB 2.8 log Pow

CAS: 26530-20-1 2-Octyl-2H-isothiazol-3-on

EBAB 2.61 log Pow (Bioaccumulation)

Bioaccumulation Factor (BCF) 19.21

12.4 Mobility in soil

No further relevant information available.

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.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA

UN3082

14.2 UN proper shipping name
ADR

3082 ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (Alkyl(C12-16)
dimethylbenzylammonium chloride,
didecyldimethylammonium chloride)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Alkyl(C12-16)
dimethylbenzylammonium chloride,
didecyldimethylammonium chloride), MARINE
POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Alkyl(C12-16)
dimethylbenzylammonium chloride,
didecyldimethylammonium chloride)

14.3 Transport hazard class(es)

ADR

Class

9 (M6) Miscellaneous dangerous substances and
articles.

Label

9

IMDG, IATA

Class

9 Miscellaneous dangerous substances and articles.

Label

9

14.4 Packing group
ADR, IMDG, IATA

III

14.5 Environmental hazards:

Marine pollutant:

Symbol (fish and tree)

Special marking (ADR):

Symbol (fish and tree)

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| | |
|--|---|
| Special marking (IATA): | Symbol (fish and tree) |
| 14.6 Special precautions for user | Warning: Miscellaneous dangerous substances and articles. |
| Hazard identification number (Kemler code): | 90 |
| EMS Number: | F-A,S-F |
| Stowage Category | A |
| 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| Transport/Additional information: | |
| ADR | |
| Limited quantities (LQ) | 5L |
| Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| Transport category | 3 |
| Tunnel restriction code | (-) |
| IMDG | |
| Limited quantities (LQ) | 5L |
| Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| UN "Model Regulation": | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKYL(C12-16) DIMETHYLBENZYLAMMONIUM CHLORIDE, DIDECYLDIMETHYLAMMONIUM CHLORIDE), 9, III |

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (UK REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (GB CLP)

"Control of Substances Hazardous to Health" UK Regulations 2002 (as amended)

Regulation (EU) 528/2012 (Biocidal Product Regulation), cf. section 2

Directive 2012/18/EU

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

Seveso category E1 Hazardous to the Aquatic Environment

Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

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.

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Relevant phrases

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Department issuing SDS: EHS**Contact:**

webersds

01525718877

webersds@saint-gobain.com

Abbreviations and acronyms:

ADR: Accord relatif au transport international 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. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1: Skin corrosion/irritation – Category 1

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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

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