

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.01.2023

Version number 9 (replaces version 8)

Revision: 09.01.2023

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

1.1 Product identifier

Trade name: alzipur Fresh

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

Product is for professional use only.
powder detergent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:Calvatis GmbH, 68526 Ladenburg-Germany, Am Hafen 16
Tel.: +49 (0)6203 105-0, Fax: +49 (0)6203 105-111Calvatis GmbH, 4600 Wels-Austria, Kaiser-Josef-Platz 41
Tel.: +43 (0)7242 42899-0, Fax: +43 (0)7242 42899-22**Informing department:**

Calvatis GmbH Germany, Laboratory, Tel.: +49(0)6203-105 190

Sicherheitsdatenblatt@calvatis.com

1.4 Emergency telephone number:Berlin - Institut für Toxikologie - Klinische Toxikologie und Giftnotruf Berlin
Tel. (+49) 030 30686 700
E-Mail: mail@giftnotruf.de

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

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

Signal word Warning**Hazard statements**

H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves / eye 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.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Dangerous components:

CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2 Reg.nr.: 01-2119485498-19	sodium carbonate ⚠ Eye Irrit. 2, H319	15-50%
CAS: 15630-89-4 EINECS: 239-707-6 Reg.nr.: 01-2119457268-30	Disodium carbonate, compound with hydrogen peroxide (2:3) ⚠ Ox. Liq. 2, H272; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	1-10%
CAS: 68213-23-0	Alcohols, C12-18, ethoxylated ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Aquatic Chronic 3, H412	1-10%
CAS: 68411-30-3 EINECS: 270-115-0 Reg.nr.: 01-2119489428-22	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	1-10%
CAS: 68955-19-1 EINECS: 273-257-1	Sulfuric acid, mono-C12-18-alkyl esters, sodium salts ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 20 % Eye Irrit. 2; H319: 10 % ≤ C < 20 %	1-10%
CAS: 29329-71-3	phosphonic-acid sodium salt ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	0.1-1%

Classification in accordance with Directive 648/2004:

oxygen-based bleaching agents, anionic surfactants, non-ionic surfactants, phosphonates, zeolites, polycarboxylates, perfumes, optical brighteners, enzymes	<5%
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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

After inhalation Fresh air, when feeling unwell seek medical advice (if possible this label).

After skin contact

Rinse off with much water.
Remove contaminated clothing.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing

Rinse out mouth and then drink plenty of water.
Seek medical treatment.

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

Use fire fighting measures that suit the environment.
CO₂, extinguishing powder or water jet. Fight larger fires with water jet 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: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire fighting water separately. It must not enter drains.
Product is not combustible.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid causing dust.

Ensure adequate ventilation

6.2 Environmental precautions:

Do not allow product to reach sewage systems or water bodies in great quantities.

6.3 Methods and material for containment and cleaning up:

Collect mechanically.

Dilute with much water.

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 information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

Information about protection against explosions and fires: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

The official regulations for storage of chemicals hazardous to water must be observed.

Information about storage in one common storage facility: Special Storage of hazardous substances.

Further information about storage conditions: Protect from humidity and keep away from water.

Storage class TRGS 510: LGK 13

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

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

General dust limit:

AGW: 3 mg/m³, 10 mg/m³ (2.4 TRGS 900)

8.2 Exposure controls

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid contact with the eyes.

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

Breathing equipment: Not required.

Hand protection Not required.

Material of gloves Not required.

Penetration time of glove material Not required.

Eye/face protection Tightly sealed safety glasses (EN 166).

Body protection: Protective clothes recommendable

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour:

white powder with blue granules

Odour:

perfumed

Odour threshold:

Not determined

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Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flash point:	Not applicable
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
pH (10 g/l) at 20 °C	10.5-11
Solubility	
Water at 20 °C:	50 g/l
Density and/or relative density	
Bulk weight at 20 °C	500-1000 kg/m ³

9.2 Other information	
Appearance:	
Form:	Powder
Important information on protection of health and environment, and on safety.	
Self-inflammability:	Product is not selfigniting.
Change in condition	
Crystallisation temperature / range:	
Oxidising properties	no

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability**
- 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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity No data for the preparation available.

LD/LC50 values that are relevant for classification:

CAS: 497-19-8 sodium carbonate

Oral	LD50	4,090 mg/kg (rat)
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Inhalative	LC50/4 h	5,750 mg/l (rat)
CAS: 15630-89-4 Disodium carbonate, compound with hydrogen peroxide (2:3)		
Oral	LD50	1,900 mg/kg (Rat)
CAS: 68411-30-3 Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts		
Oral	LD50	500 mg/kg (Rat)

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

General notes:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Do not allow product to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Must be specially treated with regard to official regulations.

Waste disposal key number:

The exact waste code must be agreed with the disposer.

Hazardous waste according to European Waste Catalogue (EWC).

Uncleaned packagings:

150110 **packaging containing residues of hazardous substances or contaminated by hazardous substances.**

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, ADN, IMDG, IATA

Void

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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.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR Transport category	-
UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

National regulations

Water hazard class (Germany): Water hazard class 2 (Self-assessment): hazardous for water.

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

SECTION 16: Other information

The above information is based on our present knowledge about the product. It does not guarantee specific product features.

Full text of R-phrases listed in chapters 2 and 3:

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Department issuing data specification sheet: Sicherheitsdatenblatt@calvatis.com

Reference to modifications:

Please take notice of the changes made in compare to the last version from 8 in the following sections: 1

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

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

Ox. Liq. 2: Oxidizing liquids – Category 2

Acute Tox. 4: Acute toxicity – Category 4

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

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources KC-825651a