

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 25 Apr 2023

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## Santer

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

#### 1.1. Product identifier

Trade name/designation:

Santer

Article No.:

226

UFI:

M9GV-DYQF-WY02-M114

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture:

Cleaning agent

Nur für den industriellen und gewerblichen Gebrauch.

#### 1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

**Otto Oehme GmbH**

FEA

Industriestr. 20

90584 Allersberg

Germany

**Telephone:** 09176/98050

**Telefax:** 09176/980555

**E-mail:** Info@Oehme-Lorito.de

**Website:** www.Oehme-Lorito.de

#### 1.4. Emergency telephone number

No data available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	
Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



**GHS05**  
Corrosion



**GHS07**  
Exclamation mark

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**Signal word:** Danger

### Hazard statements for health hazards

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

### Supplemental hazard information

EUH208	Contains HYDROXYMETHYLPENTYL-CYCLOHEXEN-CARBOXALDEHYD. May produce an allergic reaction.
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### Precautionary statements Prevention

P280	Wear protective gloves and eye/face protection.
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### Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
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.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

### Additional information:

Contains: Benzenesulfonic acid, 4-C 10-13-sec-alkyl derivatives, sodium salts, Isotridecanol, ethoxylated

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Description:

aqueous solution

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 68411-30-3 EC No.: 270-115-0	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b> Acute Tox. 4 (H302), Aquatic Chronic 3 (H412), Eye Dam. 1 (H318), Skin Irrit. 2 (H315) Danger	5 - ≤ 15 weight-%
CAS No.: 69011-36-5	<b>Isotridecanol, ethoxylated</b> Acute Tox. 4 (H302), Eye Dam. 1 (H318) Danger	1 - ≤ 10 weight-%
CAS No.: 68154-97-2 EC No.: 614-340-8	<b>Alkohole, C10-12, ethoxyliert, propoxyliert (&gt;= 2.5EO)</b> Eye Dam. 1 (H318), Skin Irrit. 2 (H315) Danger	1 - < 5 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

#### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact:

If skin irritation or rash occurs: Get medical advice/attention. After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

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### After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

### Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect).

### Self-protection of the first aider:

Use personal protection equipment.

### 4.2. Most important symptoms and effects, both acute and delayed

Skin corrosion/irritation Serious eye damage/eye irritation, Atemnot, Schmerzen, Kollaps, Erblindungsgefahr Allergic reactions

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Auf Umgebung abstimmen Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media:

keine

### 5.2. Special hazards arising from the substance or mixture

Nicht brennbar. The product itself does not burn.

#### Hazardous combustion products:

In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Remove persons to safety. Special danger of slipping by leaking/spilling product.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Do not empty undiluted into drains.

### 6.3. Methods and material for containment and cleaning up

#### For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

Avoid contact with skin, eyes and clothes. Open windows to ensure natural ventilation. Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

No special fire protection measures are necessary. No special measures are necessary.

##### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

**Storage class (TRGS 510, Germany):** 8B - Non-combustible corrosive substances

#### 7.3. Specific end use(s)

No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

##### 8.2.2. Personal protection equipment

##### Eye/face protection:

Eye glasses with side protection EN 166

##### Skin protection:

Tested protective gloves must be worn EN ISO 374

Suitable material: NBR (Nitrile rubber)

Breakthrough time: >480 min

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Breakthrough times and swelling properties of the material must be taken into consideration.

##### Other protection measures:

Protective clothing.

##### 8.2.3. Environmental exposure controls

No data available

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

**Physical state:** Liquid

**Colour:** blue

**Odour:** scented

##### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	= 8.5		
Melting point	<i>not determined</i>		
Freezing point	<i>not determined</i>		
Initial boiling point and boiling range	<i>not determined</i>		
Decomposition temperature	<i>not determined</i>		

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Parameter	Value	at °C	① Method ② Remark
Flash point	<i>not determined</i>		
Evaporation rate	<i>not determined</i>		
Auto-ignition temperature	<i>not determined</i>		
Upper/lower flammability or explosive limits	<i>not determined</i>		
Vapour pressure	<i>not determined</i>		
Vapour density	<i>not determined</i>		
Density	≈ 1 g/cm <sup>3</sup>	23 °C	
Relative density	<i>not determined</i>		
Bulk density	<i>not determined</i>		
Water solubility	miscible		
Partition coefficient: n-octanol/water	<i>not determined</i>		
Dynamic viscosity	<i>not determined</i>		
Kinematic viscosity	<i>not determined</i>		

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Exothermic reaction with:Acids The product itself does not burn.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

Avoid high temperatures or direct sunlight.

### 10.5. Incompatible materials

Oxidising agent, strong

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b> CAS No.: 68411-30-3 EC No.: 270-115-0
<b>LD<sub>50</sub> oral:</b> 1,080 mg/kg (rat) OECD Guideline 401 (Acute Oral Toxicity)
<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (rat) OECD Guideline 402 (Acute Dermal Toxicity)
<b>Isotridecanol,ethoxylated</b> CAS No.: 69011-36-5
<b>LD<sub>50</sub> oral:</b> 300 - 2,000 mg/kg (Ratte)
<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Ratte)
<b>Alkohole, C10-12, ethoxyliert, propoxyliert (&gt;= 2.5EO)</b> CAS No.: 68154-97-2 EC No.: 614-340-8
<b>LD<sub>50</sub> oral:</b> >2,000 mg/kg (Ratte) OECD 401

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation toxicity:

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

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### Skin corrosion/irritation:

Causes skin irritation.

### Serious eye damage/irritation:

Causes serious eye damage.

### Respiratory or skin sensitisation:

May cause an allergic skin reaction. Contains HYDROXYMETHYLPENTYL-CYCLOHEXEN-CARBOXALDEHYD.  
May produce an allergic reaction.

### 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.

### Additional information:

No data available

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b> CAS No.: 68411-30-3 EC No.: 270-115-0
<b>LC<sub>50</sub></b> : 2.88 mg/L 2 d (fish, Pimephales promelas) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>LC<sub>50</sub></b> : 2.88 mg/L 3 d (fish, Pimephales promelas) OECD Guideline 203 (Fish, Acute Toxicity Test)
<b>LC<sub>50</sub></b> : 1.67 mg/L 4 d (fish, Lepomis macrochirus) US EPA, 1975. Reliability, deviations and validity evaluated against the criteria of USEPA 850.1075, 1996.
<b>LC<sub>50</sub></b> : 3.94 mg/L 4 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)
<b>EC<sub>50</sub></b> : 29 mg/L 4 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) Payne AG, Hall RH, 1979, in Aquatic Toxicology, ASTM, STP 667, pp. 171-180; and US EPA, 1978, The Selenastrum capricornutum Printz algal assay. Deviations, reliability, and validity will be evaluated using the USEPA OPPTS 850.5400 (1996) guideline.
<b>EC<sub>50</sub></b> : 2.9 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
<b>NOEC</b> : 0.5 mg/L 4 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) Payne AG, Hall RH, 1979, in Aquatic Toxicology, ASTM, STP 667, pp. 171-180; and US EPA, 1978, The Selenastrum capricornutum Printz algal assay. Deviations, reliability, and validity will be evaluated using the USEPA OPPTS 850.5400 (1996) guideline.
<b>NOEC</b> : ≥4 mg/L 28 d (Algae/water plant, Elodea canadensis)
<b>NOEC</b> : 1.18 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)
<b>LOEC</b> : 1 mg/L 4 d (Algae/water plant, Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)) Payne AG, Hall RH, 1979, in Aquatic Toxicology, ASTM, STP 667, pp. 171-180; and US EPA, 1978, The Selenastrum capricornutum Printz algal assay. Deviations, reliability, and validity will be evaluated using the USEPA OPPTS 850.5400 (1996) guideline.
<b>Isotridecanol, ethoxylated</b> CAS No.: 69011-36-5
<b>LC<sub>50</sub></b> : >1 - 10 mg/L 4 d (fish)
<b>EC<sub>50</sub></b> : >1 - 10 mg/L 2 d (crustaceans)
<b>EC<sub>50</sub></b> : >1 - 10 mg/L 3 d (Algae/water plant)
<b>NOEC</b> : >1 mg/L 21 d (crustaceans)
<b>LC<sub>50</sub></b> : >1 - 10 mg/L (fish, Daphnia magna)
<b>LC<sub>50</sub></b> : >1 - 10 mg/L (fish)

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**Alkohole, C10-12, ethoxyliert, propoxyliert (>= 2.5EO)** CAS No.: 68154-97-2 EC No.: 614-340-8

EC<sub>50</sub>: 1 - 10 mg/L 2 d (crustaceans, Daphnia magna)

EC<sub>50</sub>: 1 - 10 mg/L 3 d (Algae/water plant, Desmodesmus subspicatus)

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

**Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts** CAS No.: 68411-30-3 EC No.: 270-115-0

Log K<sub>OW</sub>: 1.4

Bioconcentration factor (BCF): 98 Species: other: Cellular and subcellular fractions from Common carp (Cyprinus carpio) and Rainbow trout (Oncorhynchus mykiss)

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

**Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts** CAS No.: 68411-30-3 EC No.: 270-115-0

Results of PBT and vPvB assessment: —

**Isotridecanol, ethoxylated** CAS No.: 69011-36-5

Results of PBT and vPvB assessment: —

**Alkohole, C10-12, ethoxyliert, propoxyliert (>= 2.5EO)** CAS No.: 68154-97-2 EC No.: 614-340-8

Results of PBT and vPvB assessment: —

**HYDROXYMETHYLPENTYL-CYCLOHEXEN-CARBOXALDEHYD** CAS No.: 31906-04-4 EC No.: 250-863-4

Results of PBT and vPvB assessment: —

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

07 06 01 \* aqueous washing liquids and mother liquors

20 01 29 \* Detergents containing hazardous substances

\*: Evidence for disposal must be provided.

##### Waste code packaging

20 01 39 plastics

#### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
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### 14.1. UN number or ID number

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

No dangerous good in sense of these transport regulations.

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

### 14.7. Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Authorisations:

EU legislation

Labelling for contents according to regulation (EC) No. 648/2004

anionic surfactants 5% and above but less than 15%

non-ionic surfactants 5% and above but less than 15%

Benzisothiazolinone, Methylisothiazolinone, perfumes

National regulations

Hazardous Substances Ordinance (GefStoffV)

Minimum protective measures according to TRGS 500

Berufsgenossenschaftliche Vorschriften (DGUV-Vorschriften)

Berufsgenossenschaftliche Regeln (DGUV-Regeln)

#### 15.1.2. National regulations

##### [DE] National regulations

##### Restrictions of occupation

Observe employment restrictions according to the Act on the Protection of Mothers at Work, in Training and in Studies (Maternity Protection Act - MuSchG).

Observe employment restrictions according to the Law for the protection of working youth (Protection of Young Persons Act - JArbSchG).

##### Water hazard class

###### WGK:

2 - deutlich wassergefährdend

### 15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

No data available



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### 16.3. Key literature references and sources for data

Substance name	Type	source of supply
<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b> CAS No.: 68411-30-3 EC No.: 270-115-0	Classification of the substance or mixture; LD <sub>50</sub> oral; LD <sub>50</sub> dermal; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC; LOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation ( <i>Skin Irrit. 2</i> )	H315: Causes skin irritation.	
Respiratory or skin sensitisation ( <i>Skin Sens. 1</i> )	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

### 16.6. Training advice

No data available

### 16.7. Additional information

The information is based on our current level of knowledge and is used to describe the product with regard to the safety precautions to be taken. They do not represent a guarantee of the properties of the product described.

It is the responsibility of the recipient of our product to observe existing laws and regulations.