

# SAFETY DATA SHEET

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

Revision date: 10 Feb 2023

Print date: 10 Feb 2023

Version: 1



**SANOSIL**  
DISINFECTANTS FOR LIFE 

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## Sanosil S 100

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

#### 1.1. Product identifier

Trade name/designation:

Sanosil S 100

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

Use of the substance/mixture:

Disinfectant

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

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

**Sanosil**

Eichtalstrasse 49  
8634 Hombrechtikon  
Switzerland

**Telephone:** +41 55 254 00 54

**Telefax:** +41 55 254 00 59

**E-mail:** kundeninfo@sanosil.ch

**Website:** www.sanosil.ch

#### 1.4. Emergency telephone number

United States of America: Poison control center - national hotline number 1-800-222-1222

Great Britain: National phone number 111

Belgium: Centre antipoisons +32 070 245 245 / Bulgaria: +359 2 9154 233 / Croatia: +3851 2348

342 / Cyprus: +357 1401 / Czech Republic: +420 224 919 293, +420 224 915 402 / Denmark: +45 82

12 12 12 / Estonia: +372 16662, +372 7943 794 / Finland: +358 09 471 77 / France: numéro ORFILA

(INRS) : +33 (0)1 45 42 59 59 / Greece: +30 21077 93777 / Hungary: +36 80 201 199 (24 hours) /

Ireland: +353 (1) 809 2166 / Italy: +39 06 4997800 / Lithuania: +370 (85) 2362052 / Luxembourg:

+352 8002 5500 / The Netherlands: +31 (0) 30 274 8888 / Norway: +47 22 59 13 00 / Portugal: +351

800 250 250 / Romania: +402 213 183 606 / Slovakia: +421 2 5477 4166 / Spain: National Emergency

Telephone Number: +34 91 562 04 20 / Sweden: +46 112 (emergency 24 hours), +46 08-331231 (monfri 9.00-17.00).

European Union: Call 112 if no specific phone number 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.	Calculation method.
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	Calculation method.
Acute toxicity (inhalative) ( <i>Acute Tox. 4</i> )	H332: Harmful if inhaled.	Calculation method.
STOT-single exposure ( <i>STOT SE 3</i> )	H335: May cause respiratory irritation.	Calculation method.
Hazardous to the aquatic environment ( <i>Aquatic Chronic 2</i> )	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

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### 2.2. Label elements

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

Hazard pictograms:



**GHS05**  
Corrosion



**GHS07**  
Exclamation mark



**GHS09**  
Environment

Signal word: Danger

#### Hazard statements for health hazards

H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

#### Hazard statements for environmental hazards

H411	Toxic to aquatic life with long lasting effects.
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Supplemental hazard information: none

#### Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing and eye/face protection.

#### Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of water/Soap.
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/etc..

#### Precautionary statements Disposal

P501	Dispose of contents/container to an installation for the treatment of hazardous waste.
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### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 7722-84-1 EC No.: 231-765-0 Index No.: 008-003-00-9 REACH No.: 01-2119485845-22-XXXX	<b>hydrogen peroxide</b> Acute Tox. 4 (H332, H302), Ox. Liq. 1 (H271), Skin Corr. 1A (H314) Danger <b>Specific concentration limit (SCL)</b> Ox. Liq. 1, Skin Corr. 1A; H271-H314: C ≥ 70% Ox. Liq. 2, Skin Corr. 1B; H272-H314: 50% ≤ C < 70% Skin Irrit. 2; H315: 35% ≤ C < 50% Eye Dam. 1; H318: C ≥ 8% Eye Irrit. 2; H319: 5% ≤ C < 8% STOT SE 3; H335: C ≥ 35%	35 - < 50 weight-%
CAS No.: 7440-22-4 EC No.: 231-131-3 REACH No.: 01-2119555669-21-0036	<b>silver</b> Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410) Warning M-factor (acute): 100 M-factor (chronic): 100	≤ 0.05 weight-%

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## Sanosil S 100

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 7664-38-2 EC No.: 231-633-2 Index No.: 015-011-00-6 REACH No.: 01-2119485924-24-0001	<b>orthophosphoric acid</b> Skin Corr. 1B (H314) Danger <b>Specific concentration limit (SCL)</b> Skin Corr. 1B; H314: $C \geq 25\%$ Skin Irrit. 2; H315: $10\% \leq C < 25\%$ Eye Dam. 1; H318: $C \geq 25\%$ Eye Irrit. 2; H319: $10\% \leq C < 25\%$	$\leq 0.02$ 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. 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:

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

#### 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. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Following ingestion:

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

#### Self-protection of the first aider:

Use personal protection equipment. No direct artificial respiration to be given by first aider.

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

Skin corrosion/irritation. Serious eye damage/eye irritation. Irritation to respiratory tract.

### 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:

The product itself does not burn. Water spray jet, Dry extinguishing powder, Carbon dioxide, alcohol resistant foam

#### Unsuitable extinguishing media:

Full water jet

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

#### Hazardous combustion products:

Carbon monoxide, Carbon dioxide

### 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. Keep closed containers cool by spraying water.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

**Personal precautions:**

- Avoid contact with skin, eyes and clothes.
- Provide adequate ventilation.
- Remove persons to safety.
- Personal protection

**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 allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

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

**For containment:**

- Provide for retaining containers, e.g. floor pan without outflow. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Dispose of the residus of the product as hazardous waste (see section 13).

#### 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

- Losses during use of the product must be collected and disposed of in special containers as special waste. Use appropriate container to avoid environmental contamination.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Protective measures**

**Advices on safe handling:**

- The simultaneous handling of incompatible substances and mixtures must be prevented. Wear personal protection equipment (refer to section 8). Avoid breathing vapours and spray. Provide eye shower.

**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. Keep only in the original container in a cool, well-ventilated place. Protect from sunlight.

**Requirements for storage rooms and vessels:**

- Make sure spills can be contained, e.g. in sump pallets or kerbed areas.

**Hints on storage assembly:**

- Do not store together with strong acids.
- Keep away from oxidising agents.
- Do not store with flammable materials.

**Storage class (TRGS 510, Germany):** 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

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### 7.3. Specific end use(s)

#### Recommendation:

Food must not be brought into direct contact with disinfectants or their application solutions. Residues on treated work surfaces, equipment and apparatus should be kept as low as possible by rinsing with drinking water.

The use of chemical disinfectants on surfaces and equipment as well as in vessels must be restricted to non-absorbent materials (metals, glass, ceramics, possibly to non-softened plastics).

After the prescribed exposure time, the disinfected surfaces and equipment as well as the vessels must be rinsed several times with fresh water of drinking water quality.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
ES	<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0	① 1 ppm (1.4 mg/m <sup>3</sup> )
VLA (FR)	<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0	① 1 ppm (1.5 mg/m <sup>3</sup> )
WEL (GB)	<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0	① 1 ppm (1.4 mg/m <sup>3</sup> ) ② 2 ppm (2.8 mg/m <sup>3</sup> )
IDLH (US) from 1 Jan 1994	<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0	① 75 ppm
OSHA (US)	<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0	① 1 ppm (1.4 mg/m <sup>3</sup> )
NIOSH (US)	<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0	① 1 ppm (1.4 mg/m <sup>3</sup> )
ACGIH (US)	<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0	① 1 ppm (1.4 mg/m <sup>3</sup> )
IOELV (EU)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup> ⑤ (silver compounds, soluble, calculated as Ag )
VRI (FR) from 3 May 2021	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup> ⑤ Argent composés, soluble, calculé comme Ag
WEL (GB)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup> ⑤ (compounds, soluble; calculated as Ag)
NIOSH (US)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup> ⑤ compounds, soluble; calculated as Ag
IOELV (EU)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.1 mg/m <sup>3</sup> ⑤ (metal)
WEL (GB)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.1 mg/m <sup>3</sup> ⑤ (metal)

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Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
VRI (FR) from 3 May 2021	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.1 mg/m <sup>3</sup> ⑤ (métal)
ACGIH (US)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup> ⑤ compounds, soluble
OSHA (US)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup>
ES from 1 May 2021	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup> ⑤ (composiciones de plata, soluble, calculado como Ag) c, VLI
ES from 1 May 2021	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.1 mg/m <sup>3</sup> ⑤ (metal)
IDLH (US) from 1 Jan 1994	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 10 Ag/m <sup>3</sup>
IDLH (US) from 1 Jan 1994	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 10 Ag/m <sup>3</sup> ⑤ (compounds, soluble)
NIOSH (US)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.01 mg/m <sup>3</sup>
ACGIH (US)	<b>silver</b> CAS No.: 7440-22-4 EC No.: 231-131-3	① 0.1 mg/m <sup>3</sup>
ES	<b>orthophosphoric acid</b> CAS No.: 7664-38-2 EC No.: 231-633-2	① 1 mg/m <sup>3</sup> ② 2 mg/m <sup>3</sup> ⑤ VLI, s
IOELV (EU)	<b>orthophosphoric acid</b> CAS No.: 7664-38-2 EC No.: 231-633-2	① 1 mg/m <sup>3</sup> ② 2 mg/m <sup>3</sup>
VRI (FR) from 3 May 2021	<b>orthophosphoric acid</b> CAS No.: 7664-38-2 EC No.: 231-633-2	① 0.2 ppm (1 mg/m <sup>3</sup> ) ② 0.5 ppm (2 mg/m <sup>3</sup> )
WEL (GB)	<b>orthophosphoric acid</b> CAS No.: 7664-38-2 EC No.: 231-633-2	① 1 mg/m <sup>3</sup> ② 2 mg/m <sup>3</sup>
OSHA (US)	<b>orthophosphoric acid</b> CAS No.: 7664-38-2 EC No.: 231-633-2	① 1 mg/m <sup>3</sup>
NIOSH (US)	<b>orthophosphoric acid</b> CAS No.: 7664-38-2 EC No.: 231-633-2	① 1 mg/m <sup>3</sup> ② 3 mg/m <sup>3</sup>
ACGIH (US)	<b>orthophosphoric acid</b> CAS No.: 7664-38-2 EC No.: 231-633-2	① 1 mg/m <sup>3</sup> ② 3 mg/m <sup>3</sup>

### 8.1.2. Biological limit values

No data available

### 8.1.3. DNEL-/PNEC-values

No data available

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

#### 8.2.2. Personal protection equipment



##### Eye/face protection:

Eye glasses with side protection EN 166

##### Skin protection:

Use protective gloves in accordance to EN 374. The following material is suitable: NBR Breakthrough time: >6h.

##### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. In case of an application by wiping >30 min, a respirator with gas filter (against CAS 7722-84-1) must be used. Filter type: ABEK-P3

#### 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:** not determined

**Odour:** not determined

#### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	<i>not determined</i>		
Melting point	-52 °C		
Freezing point	<i>not determined</i>		
Initial boiling point and boiling range	114 °C		
Decomposition temperature	<i>not determined</i>		
Flash point	<i>not applicable</i>		
Evaporation rate	<i>not determined</i>		
Auto-ignition temperature	<i>not applicable</i>		
Upper/lower flammability or explosive limits	<i>not applicable</i>		
Vapour pressure	13 hPa	20 °C	
Vapour density	<i>not determined</i>		
Density	1.2 g/cm <sup>3</sup>	20 °C	
Relative density	<i>not determined</i>		
Bulk density	<i>not determined</i>		
Water solubility	<i>not determined</i>		
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

This material is considered to be non-reactive under normal use conditions.



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### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

Not known.

### 10.4. Conditions to avoid

Heat, Protect from direct sunlight.

### 10.5. Incompatible materials

strong acids and alkalis, Oxidizing agent

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

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

<b>hydrogen peroxide</b> CAS No.: 7722-84-1 EC No.: 231-765-0
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<b>LD<sub>50</sub> oral:</b> 1,026 mg/kg (Rat)
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<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rat)
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#### 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:

Harmful if inhaled.

#### 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.

#### 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.

#### Additional information:

No data available

### 11.2. Information on other hazards

#### Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.



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### SECTION 12: Ecological information

#### 12.1. Toxicity

**hydrogen peroxide** CAS No.: 7722-84-1 EC No.: 231-765-0

LC<sub>50</sub>: 16.4 mg/L (Fish)

LC<sub>50</sub>: 2.4 mg/L (Daphnia pulex (water flea))

EC<sub>50</sub>: 1.38 mg/L (Alga)

**silver** CAS No.: 7440-22-4 EC No.: 231-131-3

LC<sub>50</sub>: 0.015 mg/L 2 d (shellfish)

LC<sub>50</sub>: 0.00807 mg/L 4 d (fish)

EC<sub>50</sub>: 0.0092 mg/L 2 d (shellfish)

EC<sub>50</sub>: 0.00198 mg/L 3 d (Alga)

#### Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

**hydrogen peroxide** CAS No.: 7722-84-1 EC No.: 231-765-0

Biodegradation: Yes, rapidly

**silver** CAS No.: 7440-22-4 EC No.: 231-131-3

Biodegradation: Yes, slowly

#### 12.3. Bioaccumulative potential

**hydrogen peroxide** CAS No.: 7722-84-1 EC No.: 231-765-0

Log K<sub>ow</sub>: = -1.5

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

**hydrogen peroxide** CAS No.: 7722-84-1 EC No.: 231-765-0

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**silver** CAS No.: 7440-22-4 EC No.: 231-131-3

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**orthophosphoric acid** CAS No.: 7664-38-2 EC No.: 231-633-2

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

The product may not be eliminated as municipal solid waste nor allowed to end up in the drainage system. These packs can be delivered packaging-specific to the existing collection points for hazardous waste.

##### 13.1.1. Product/Packaging disposal

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

##### Waste code product

16 05 07 \* | discarded inorganic chemicals consisting of or containing hazardous substances

\*: Evidence for disposal must be provided.

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### Remark:

Wastecode according to regulation EU 2014/955

### Waste code packaging

15 01 02	Plastic packaging
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### Waste treatment options

#### Appropriate disposal / Product:

Dispose of used product in its original packaging as special waste.

#### Appropriate disposal / Package:

Empty packaging can be recycled or eliminated as municipal solid waste.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
UN 2014	UN 2014	UN 2014	UN 2014
<b>14.2. UN proper shipping name</b>			
HYDROGEN PEROXIDE, AQUEOUS SOLUTION	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
<b>14.3. Transport hazard class(es)</b>			
 5.1 8	 5.1 8	 5.1 8	 5.1 8
<b>14.4. Packing group</b>			
II	II	II	II
<b>14.5. Environmental hazards</b>			
		MARINE POLLUTANT	
<b>14.6. Special precautions for user</b>			
<b>Limited quantity (LQ):</b> 1 L <b>Excepted Quantities (EQ):</b> E2 <b>Hazard identification number (Kemler No.):</b> 58 <b>Classification code:</b> CO1 <b>Tunnel restriction code:</b> (E)	<b>Limited quantity (LQ):</b> 1 L <b>Excepted Quantities (EQ):</b> E2 <b>Classification code:</b> CO1	<b>Limited quantity (LQ):</b> 1 L <b>Excepted Quantities (EQ):</b> E2 <b>EmS-No.:</b> F-H, S-Q	<b>Limited quantity (LQ):</b> 1 L <b>Excepted Quantities (EQ):</b> E2

### 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

No data available

### 15.2. Chemical Safety Assessment

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

# SAFETY DATA SHEET

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

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## Sanosil S 100

### SECTION 16: Other information

#### 16.1. Indication of changes

This is the first version due to classification according to Regulations (EC) 1272/2008 and (EU) No 878/2020.

#### 16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EC <sub>50</sub>	Effective Concentration 50%
EN	European Standard
ES	Exposure scenario
EWC	European Waste Catalogue
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC <sub>50</sub>	Lethal (fatal) Concentration 50%
LD <sub>50</sub>	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations

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

Security safety data sheet of the ingredients. Inventory of substances of the European Chemical Agency (ECHA).

#### 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.	Calculation method.
Serious eye damage/eye irritation ( <i>Eye Dam. 1</i> )	H318: Causes serious eye damage.	Calculation method.
Acute toxicity (inhalative) ( <i>Acute Tox. 4</i> )	H332: Harmful if inhaled.	Calculation method.
STOT-single exposure ( <i>STOT SE 3</i> )	H335: May cause respiratory irritation.	Calculation method.
Hazardous to the aquatic environment ( <i>Aquatic Chronic 2</i> )	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

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

Hazard statements	
H271	May cause fire or explosion; strong oxidiser.
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

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Hazard statements	
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### 16.6. Training advice

Persons charged with the handling and cleaning of the product must be trained prior to start their work and in regular intervals. They must be informed about the risks using the product and the measures to take for efficient prevention. This concerns particularly working security, first aid, health and environment protection.

### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new madeup material.