

# material safety data sheet

According to Regulation (EU) No 453/2010

## Saniswiss biosanitizer S stretch-wipes

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : Saniswiss biosanitizer S stretch-wipes  
Product code : 132022

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

Application : SU22 Professional use. For industrial or institutional use. PC35 Cleaning agent. Biocide. PT2 Private area and public health area disinfectants and other biocidal products.

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

Supplier : Saniswiss SA  
ch. des tulipiers 19  
1208 Geneva  
Switzerland

t : +41 22 718 75 75  
f : +41 22 718 75 76  
: info@saniswiss.com  
: saniswiss.com

#### 1.4. Emergency telephone number

Centro Antiveneni Ospedale Niguarda Ca' Granda - Piazza dell'Ospedale Maggiore, 3 - 20162 MILANO

Tel: +39 02 66101029 - Fax: +39 02 64442768

### SECTION 2 HAZARDS IDENTIFICATION

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

Classification (99/45/EC) : Not classified as dangerous according to statutory EC-Directives.  
CLP classification : Not classified as dangerous according to Regulation (EC) No 1272/2008.  
(1272/2008/EC)

Human health hazards : Low hazard for usual industrial or commercial handling.  
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.  
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.  
Other information : Keep out of the reach of children.

#### 2.2. Label elements

Label elements (1272/2008/EC):

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : EUH210 Safety data sheet available on request.

Additional labelling (99/45/EC and/or 1272/2008/EC)  
: Keep out of reach of children.

#### 2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

# material safety data sheet

According to Regulation (EU) No 453/2010

## Saniswiss biosanitizer S stretch-wipes

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	Symbols	R-phrases
Hydrogen peroxide	1 - 5	7722-84-1	231-765-0	O; C	5-8-20/22-35
Phosphoric acid	1 - 5	7664-38-2	231-633-2	C	34

Reference is made to chapter 16 for full text of each relevant R phrase. Occupational exposure limit(s), if relevant, are listed in section 8.

Substance name	REACH nr.	Hazard Class	Pictograms	H-phrases
Hydrogen peroxide	01-2119485845-22	Ox. Liq. 1; Acute Tox. 4; Skin Corr. 1A	GHS03; GHS05; GHS07	H271; H332; H302; H314
Phosphoric acid	01-2119485924-24	Skin Corr. 1B; Met. Corr. 1	GHS05	H314; H290

Reference is made to chapter 16 for full text of each relevant H phrase.

### SECTION 4 FIRST-AID MEASURES

#### 4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water before product dries up.
- Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Give condensed milk or a knob of butter. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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

Effects and symptoms

- Inhalation : No specific effects and/or symptoms are known.
- Skin contact : May cause dry skin.
- Eye contact : May cause stinging of eyes and redness.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

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

Note to physicians : None known.

### SECTION 5 FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

Extinguishing media

- Suitable : Water fog.

# material safety data sheet

According to Regulation (EU) No 453/2010

## Saniswiss biosanitizer S stretch-wipes

Not suitable : Carbondioxide (CO<sub>2</sub>). Foam. Dry chemical. Water jet.

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

Special exposure hazards : Heating causes oxygen release, intensifying the fire.  
Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

### 5.3. Advice for firefighters

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

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

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles.

### 6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. Due to the products biocidal activity, large scale discharge may impair the biological system in sewage plants. Inform the official bodies if necessary.

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

Methods for cleaning up : Collect spilled material in containers. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

### 6.4. Reference to other sections

Reference to other sections : See also section 8.

## SECTION 7 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with skin and eyes.

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

Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C).  
Recommended packaging : Keep only in the original container.

### 7.3. Specific end use(s)

Use : Use biocides safely. Always read the label and product information before use. Do not mix with other products.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**material safety data sheet**  
According to Regulation (EU) No 453/2010

**Saniswiss biosanitizer S stretch-wipes**

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m<sup>3</sup>):

Chemical name	Country	TWA 8 hour (mg/m3)	STEL 15 min (mg/m3)	Comments
Hydrogen peroxide	GB	1,4	2,8	-
Phosphoric acid	GB	1	2	-
Phosphoric acid	EC	1	2	-

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Hydrogen peroxide	Inhalation	3 mg/m3		1,4 mg/m3	
Phosphoric acid	Inhalation			1 mg/m3	

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Hydrogen peroxide	Inhalation	1,93 mg/m3		0,21 mg/m3	
Phosphoric acid	Inhalation			0,73 mg/m3	

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
Hydrogen peroxide	Water	0,0126 mg/l	0,0126 mg/l	
	Sediment	0,047 mg/kg	0,047 mg/kg	
	Intermittent water			0,0138 mg/l
	STP			4,66 mg/l
	Soil			0,0023 mg/kg

8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use.

Respiratory protection : Take care of sufficient ventilation.

Hand protection : Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: PVC. ± 0,5 mm  
Indication of permeation breakthrough time: not permeable.

Eye protection : Wear appropriate safety glasses when there is danger of possible eye contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance : Liquid.

Colour : Colourless.

# material safety data sheet

According to Regulation (EU) No 453/2010

## Saniswiss biosanitizer S stretch-wipes

Odour	: Perfumed.	
Odour threshold	: Not known.	
pH	: 2,1	
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not applicable.	
Flash point	: > 100 °C	(PMcc)
Flammability (solid, gas)	: Not applicable.	Liquid. See flashpoint.
Auto ignition temperature	: > 225 °C	
Boiling point/boiling range	: 100 °C	
Melting point/melting range	: 0 °C	
Explosive properties	: None known.	Does not contain explosives.
Explosion limits (in air)	: Not known.	
Oxidising properties	: Slightly oxidizing.	
Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: Not known.	
Viscosity (40°C)	: Not relevant.	The product contains < 10% substances having an aspiration hazard.
Vapour pressure (20°C)	: Not known.	
Vapour density (20°C)	: Not known.	(air = 1)
Relative density (20°C)	: 1 g/ml	
Evaporation rate	: < 1	(n-butyl acetate = 1)

### SECTION 10 STABILITY AND REACTIVITY

#### 10.1. Reactivity

Reactivity : See sub-sections below.

#### 10.2. Chemical stability

Stability : Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

#### 10.4. Conditions to avoid

Conditions to avoid : See section 7.

#### 10.5. Incompatible materials

Materials to avoid : Keep away from reducing agents. Keep away from halogenated substances. Keep away from heavy metals.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products : Oxygen.

### SECTION 11 TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

No toxicological research has been carried out on this product.

Inhalation

# material safety data sheet

According to Regulation (EU) No 453/2010

## Saniswiss biosanitizer S stretch-wipes

Sensitisation	: Does not contain respiratory sensitisers. Not classified - based on available data, the classification criteria are not met.
Carcinogenicity	: Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.
<b>Skin contact</b>	
Acute toxicity	: Calculated LD50: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
Corrosion/irritation	: Prolonged contact may dry out and defat the skin.
Sensitisation	: Not classified - based on available data, the classification criteria are not met.
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.
<b>Eye contact</b>	
Corrosion/irritation	: Slight irritation possible.
<b>Ingestion</b>	
Acute toxicity	: Calculated LD50: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
Corrosion/irritation	: May cause a feeling of sickness, vomiting and diarrhoea.
Carcinogenicity	: Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
Mutagenicity	: Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

### SECTION 12 ECOLOGICAL INFORMATION

#### 12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 1176 mg/l. Calculated EC50 (waterflea): 407 mg/l. Contains < 1 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

#### 12.2. Persistence and degradability

Persistence – degradability : No specific information known. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

#### 12.4. Mobility in soil

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

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

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

#### 12.6. Other adverse effects

Other information : Not applicable.

# material safety data sheet

According to Regulation (EU) No 453/2010

## Saniswiss biosanitizer S stretch-wipes

### SECTION 13 DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

- Product residues : The generation of waste should be avoided or minimised wherever possible. Containers may be recycled. This material and its container must be disposed of in a safe way.
- Additional warning : None.
- Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

### SECTION 14 TRANSPORT INFORMATION

#### 14.1. UN number

- UN nr. : None.

#### 14.2. UN proper shipping name

- Transport name : Not regulated.

#### 14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

##### ADR/RID (road / railway)

- Class : This product is not classified according to ADR/RID.

##### IMDG (sea)

- Class : This product is not classified according to IMDG.  
Marine pollutant : No

##### IATA (air)

- Class : This product is not classified according to IATA.

#### 14.6. Special precautions for user

- Other information : Country specific variations may apply.

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments.

### SECTION 15 REGULATORY INFORMATION

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

- Community regulations : Regulation (EC) No 453/2010 (REACH), Regulation (EC) No 1272/2008 (CLP), Regulations (EU) No 528/2012 (biocides) and other regulations.

##### Ingredient declaration according to Regulation 648/2004:

Contains:	Concentration (%)
Anionic surfactants Non-ionic surfactants Oxygen-based bleaching agents	< 5
Perfumes, Salicylic acid.	

Labelling in accordance with Directive 98/8/EC.

# material safety data sheet

According to Regulation (EU) No 453/2010

## Saniswiss biosanitizer S stretch-wipes

Application : PT2 . Private area and public health area disinfectants and other biocidal products.  
Liquid. Contains: 10 g/kg Hydrogen peroxide

Directions for use and dosage : 1 piece per application. For professional use only.

### 15.2. Chemical safety assessment

Chemical safety assessment : Not applicable.

## SECTION 16 OTHER INFORMATION

### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EC) No 453/2010 dated 20 May 2010 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (\*).

Full text of R-phrases mentioned in section 3:

R5	Heating may cause an explosion.
R8	Contact with combustible material may cause fire.
R20/22	Harmful by inhalation and if swallowed.
R34	Causes burns.
R35	Causes severe burns.

Full text of H-phrases mentioned in section 3:

H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H332	Harmful if inhaled.

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	: Acute Toxicity Estimate
CLP	: Classification, Labeling & Packaging
CMR	: Carcinogenic, Mutagenic or toxic for Reproduction
EEC	: European Economic Community
EU	: European Union
IATA	: International Air Transport Association
IBC	: Intermediate Bulk Container
IBC Code	: International Bulk Chemical Code
IMDG	: International Maritime Dangerous Goods Code
MAC	: Maximum Allowable Concentration
MARPOL	: International Convention for the Prevention of Pollution From Ships
OECD	: Organisation for Economic Co-operation and Development
PBT	: Persistent, Bioaccumulative and Toxic
PC	: Chemical product category
PT	: Product type
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail



**material safety data sheet**  
According to Regulation (EU) No 453/2010

**Saniswiss biosanitizer S stretch-wipes**

STP	: Sewage Treatment Plant
SU	: Sector of Use
TWA/STEL	: Time-Weighted Average/Short Term Exposure Limit
UN	: United Nations
VOC	: Volatile Organic Compounds
vPvB	: Very Persistent and Very Bioaccumulative
Number format	: "." used as decimal separator.