

SANISWISS SANITIZER HANDS H1

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
 Date first issue: Review date: 20/08/2015 Supersedes: 27/02/2014

Edition: 6.00

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Product form : Mixture
 Product name : Saniswiss biosanitizer H1
 Product code : 132117, 132072, 132073, 132127, 132081, 132167, 132074
 Product group : Mixture

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

1.2.1. Relevant identified uses

Main use category : Professional use
 Description/Application : hydroalcoholic gel

1.2.2. Uses advised against

No additional information available

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Saniswiss SA
 Route de Frontenex 41A
 1207 Genève - Switzerland
 t 41 22 718 75 75 - f 41 22 718 75 76 (during business hours Monday – Friday)
info@saniswiss.ch

1.4. EMERGENCY TELEPHONE NUMBER

Country	Organisation/Company	Address	Emergency number
Switzerland	Centre Suisse d'Information Toxicologique	Freiestrasse 16 8032 Zürich	+41 44 251 51 51

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

Flam. Liq. 2 H225
 Eye Irrit. 2 H319
 Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. LABEL ELEMENTS

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

Hazard pictograms (CLP) :



GHS02

GHS07

CLP Signal word : Danger
 Hazard statements (CLP) : H225 - Highly flammable liquid and vapour
 H319 - Causes serious eye irritation
 H412 - Harmful to aquatic life with long lasting effects
 Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
 P273 - Avoid release to the environment
 P280 - Wear 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
 P403+P235 - Store in a well-ventilated place. Keep cool

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2.3. OTHER HAZARDS

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCE

Not applicable

3.2. MIXTURE

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Ethanol	(CAS-no) 64-17-5 (Einecs nr) 200-578-6 (EG annex nr) 603-002-00-5 (REACH-no) 01-2119457610-43	50 - 80	F; R11
tetradecanol	(CAS-no) 112-72-1 (Einecs nr) 204-000-3 (REACH-no) 01-2119485910-33	< 1	Xi; R36

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	(CAS-no) 64-17-5 (Einecs nr) 200-578-6 (EG annex nr) 603-002-00-5 (REACH-no) 01-2119457610-43	50 - 80	Flam. Liq. 2, H225 Eye Irrit. 2, H319
tetradecanol	(CAS-no) 112-72-1 (Einecs nr) 204-000-3 (REACH-no) 01-2119485910-33	< 1	Eye Irrit. 2, H319 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

General advice : In case of doubt or persistent symptoms, consult always a physician. For symptom description, see item 11.

Inhalation : Move to fresh air.

Skin contact : Rinse with water.

Eye contact : Wash with plenty of water and if necessary take medical advice.

Ingestion : Rinse mouth. Do not induce vomiting. Ask for medical advice.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Acute effects inhalation : No data available.

Acute effects skin : No data available.

Acute effects eyes : Causes serious eye irritation.

Acute effects oral route : No data available.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No additional information available

SECTION 5: FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media : Foam, powder, carbon dioxide (CO₂), water spray.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

No additional information available

5.3. ADVICE FOR FIREFIGHTERS

Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

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6.1.2. For emergency responders

No additional information available

6.2. ENVIRONMENTAL PRECAUTIONS

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up : Wash away remainder with plenty of water.

6.4. REFERENCE TO OTHER SECTIONS

No additional information available

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling : Do not eat, drink or smoke when using this product. Shower, eyes shower and water point in proximity.

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions : Store in original container. Protect from heat and direct sunlight.

Storage temperature : 5 - 30 °C

Material(s) to avoid : Not determined.

Storage area : Store in a cool area. Keep container in a well-ventilated place.

7.3. SPECIFIC END USE(S)

No additional information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Ethanol (64-17-5)		
France	VLE (mg/m ³)	9500 mg/m ³
France	VLE (ppm)	5000 ppm
France	VME (mg/m ³)	1900 mg/m ³
France	VME (ppm)	1000 ppm
Switzerland	VLE (mg/m ³)	1920 mg/m ³
Switzerland	VLE (ppm)	1000 ppm
Switzerland	VME (mg/m ³)	960 mg/m ³
Switzerland	VME (ppm)	500 ppm
Switzerland	Remark (CH)	4x15

Ethanol (64-17-5)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	1900 mg/m ³
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	87 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	114 mg/m ³
Long-term - systemic effects, dermal	206 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.96 mg/l
PNEC aqua (marine water)	0.79 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	3.6 mg/kg dwt
PNEC sediment (marine water)	2.9 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.63 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	0.72 mg/kg food

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Ethanol (64-17-5)	
PNEC (STP)	
PNEC sewage treatment plant	580 mg/l

8.2. EXPOSURE CONTROLS

Hand protection	: No.
Eye protection	: safety goggles (EN 166).
Protective equipment	: No special required clothing.
Respiratory protection	: No.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Physical state/form	: viscous liquid.
Colour	: Colourless.
Odour	: alcohol odour.
Odour threshold	: No data available
pH	: 7.5 - 8.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: > 35 °C
Flash point	: = 20 °C
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.863 - 0.873 (20°C)
Solubility	: Water: 100 % 20°C
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. OTHER INFORMATION

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

No additional information available

10.2. CHEMICAL STABILITY

Stable in use and storage conditions as recommended in item 7.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No additional information available

10.4. CONDITIONS TO AVOID

Heat. Direct sunlight.

10.5. INCOMPATIBLE MATERIALS

Do not mix with other products. Strong oxidizing agents.

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10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. nitrogen oxides (NOx).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity : Not classified

Ethanol (64-17-5)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation : Not classified
 pH: 7.5 - 8.5

Serious eye damage/irritation : Causes serious eye irritation.
 pH: 7.5 - 8.5

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Ecology - general : Harmful to aquatic life with long lasting effects.

tetradecanol (112-72-1)	
NOEC (chronic)	> 0.001 (\leq 0.01) mg/l

Ethanol (64-17-5)	
LC50 fish 1	11200 mg/l
LC50 other aquatic organisms 1	> 10000 mg/l
ErC50 (algae)	275 mg/l

12.2. PERSISTENCE AND DEGRADABILITY

Ethanol (64-17-5)	
Biochemical oxygen demand (BOD)	0.1 g O ₂ /g substance
Chemical oxygen demand (COD)	1.9 g O ₂ /g substance

12.3. BIOACCUMULATIVE POTENTIAL

Ethanol (64-17-5)	
Log Kow	-0.3

12.4. MOBILITY IN SOIL

No additional information available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

Ethanol (64-17-5)	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. OTHER ADVERSE EFFECTS

No additional information available

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

Regional legislation (waste) : Follow the local regulation.
 Waste treatment methods : Dispose of in accordance with relevant local regulations.
 Waste / unused products : Do not discharge into drains or the environment.

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN NUMBER

UN-No. (ADR) : 1993

14.2. UN PROPER SHIPPING NAME

Proper shipping name : Flammable liquid, N.S.A contains ethanol
 Transport document description (ADR) : UN 1993 Flammable liquid, N.S.A contains ethanol, 3, III, (D/E)

14.3. TRANSPORT HAZARD CLASS(ES)

Class (ADR) : 3
 Danger labels (ADR) : 3



14.4. PACKING GROUP

Packing group (ADR) : III

14.5. ENVIRONMENTAL HAZARDS

Other information : No supplementary information available.

14.6. SPECIAL PRECAUTIONS FOR USER

14.6.1. Overland transport

Classification code (ADR) : F1
 Transport category (ADR) : 3
 Tunnel code : D/E
 Limited quantities (ADR) : 5I
 LQ : LQ07
 Excepted quantities (ADR) : E1

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
 Contains no substance on the REACH candidate list
 Contains no REACH Annex XIV substances
 Other information, restriction and prohibition regulations : Not affected by the conditions of restriction _ ANNEXE XVII.

15.1.2. National regulations

No additional information available

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15.2. CHEMICAL SAFETY ASSESSMENT

No additional information available

SECTION 16: OTHER INFORMATION

Indication of changes:				
	2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Removed	
	2.2	Label elements	Modified	
	8		Modified	
	11		Modified	
	12.		Modified	
	15		Modified	
	16		Modified	

Other information : It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. Such information is actually to be best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other product(s). EC Regulation 1272/2008 and its amendments.

Full text of R-, H- and EUH-statements:		
	Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
	Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
	Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
	Flam. Liq. 2	Flammable liquids, Category 2
	H225	Highly flammable liquid and vapour
	H319	Causes serious eye irritation
	H410	Very toxic to aquatic life with long lasting effects
	H412	Harmful to aquatic life with long lasting effects

It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product