

Saniswiss biocleaner C3 concentrate

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Review date: 10/25/2017

Supersedes: 2/17/2015

Edition: 3.00

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

1.1. Product identifier

Product form : Mixture
Product name : Saniswiss biocleaner C3 concentrate
Product code : 132104
Type of product : Detergent
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 : Concentrated Acidic Sanitary Cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Saniswiss SA
Chemin des tulipiers, 19
1208 Geneva - Switzerland
T +41 22 718 75 75 - F +41 22 718 75 76
info@saniswiss.ch

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Switzerland	Centre Suisse d'Information Toxicologique		0041 (0) 44 25151 51 145	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Full text of 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) :



GHS05

CLP Signal word : Danger

Hazardous ingredients : (L+)Lactic acid; D-Glucopyranose, oligomeric, decyl octyl glycosides

Hazard statements (CLP) : H315 - Causes skin irritation.
H318 - Causes serious eye damage.

Precautionary statements (CLP) : P280 - Wear eye protection, protective gloves.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
P302+P334 - IF ON SKIN: Immerse in cool water/wrap in wet bandages.
P332+P313 - If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(L+)Lactic acid	(CAS-no) 79-33-4 (Einecs nr) 201-196-2 (REACH-no) 01-2119474164-39	50 - 70	Skin Irrit. 2, H315 Eye Dam. 1, H318
D-Glucopyranose, oligomeric, decyl octyl glycosides	(CAS-no) 68515-73-1 (Einecs nr) / (EG annex nr) / (REACH-no) 01-2119488530-36	10 - 20	Eye Dam. 1, H318

Specific concentration limits:

Name	Product identifier	Specific concentration limits
D-Glucopyranose, oligomeric, decyl octyl glycosides	(CAS-no) 68515-73-1 (Einecs nr) / (EG annex nr) / (REACH-no) 01-2119488530-36	(10.01 =<C < 100) Eye Dam. 1, H318

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	: In case of malaise, seek medical advice.
Skin contact	: Take off immediately all contaminated clothing. Wash off immediately with plenty of water.
Eye contact	: Rinse immediately and plentifully with water and take medical advice.
Ingestion	: If swallowed, seek medical advice immediately and show this container or label.

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

Acute effects inhalation	: No data available.
Acute effects skin	: Causes skin irritation.
Acute effects eyes	: Causes serious eye damage.
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 : The product itself does not burn. 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.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Rinse with water.

6.4. Reference to other sections

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No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Shower, eyes shower and water point in proximity.
Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container.
Storage temperature : 5 - 40 °C
Material(s) to avoid : Not determined.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	595000 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	420 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	35.7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	124 mg/m ³
Long-term - systemic effects, dermal	357000 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.176 mg/l
PNEC aqua (marine water)	0.0176 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1.516 mg/kg dwt
PNEC sediment (marine water)	0.152 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.654 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	111.11 mg/kg
PNEC (STP)	
PNEC sewage treatment plant	560 mg/l

8.2. Exposure controls

Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent). Time of penetration is to be fixed with the producer (minimum level 2)

Eye protection:

Wear eye/face protection. safety goggles (EN 166)

Protective equipment:

No special required clothing

Respiratory protection:

Not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Physical state/form : Liquid.
Colour : red.
Odour : Slight.
Odour threshold : No data available
pH : 2.1 - 2.5
Relative evaporation rate (butylacetate=1) : No data available

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Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: No data available
Flash point	: Not applicable
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	: 1.16 - 1.18
Solubility	: Water: 100% (20°C)
Log Pow	: 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

Temperatures below 0°C. High temperatures.

10.5. Incompatible materials

Do not mix with other products.

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

(L+)Lactic acid (79-33-4)	
LD50 oral rat	3543 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 7.94 mg/l/4h

D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation	: Causes skin irritation. pH: 2.1 - 2.5
Serious eye damage/irritation	: Causes serious eye damage. pH: 2.1 - 2.5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

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Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified according 1272/2008/CE.

(L+)Lactic acid (79-33-4)	
LC50 fish 1	130 mg/l
EC50 Daphnia 1	130 mg/l
ErC50 (algae)	2800 mg/l
NOEC (acute)	1900 mg/l

D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)	
LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	> 100 mg/l
ErC50 (other aquatic plants)	10 - 100 mg/l
NOEC chronic fish	> 1 mg/l 1-10

12.2. Persistence and degradability

SANISWISS BIOCLENER C3 CONCENTRE	
Persistence and degradability	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.

(L+)Lactic acid (79-33-4)	
Persistence and degradability	Readily biodegradable.

D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)	
Biodegradation	> 70 %

12.3. Bioaccumulative potential

(L+)Lactic acid (79-33-4)	
Log Pow	-0.62
Bioaccumulative potential	not bioaccumulative.

12.4. Mobility in soil

(L+)Lactic acid (79-33-4)	
Ecology - soil	Small adsorption.

12.5. Results of PBT and vPvB assessment

Component	
(L+)Lactic acid (79-33-4)	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
D-Glucopyranose, oligomeric, decyl octyl glycosides (68515-73-1)	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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.

Waste / unused products : Avoid undiluted product to come into sewer or superficial water.

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper shipping name : Not applicable

14.3. Transport hazard class(es)

ADR

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Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

14.7. Transport in bulk according to Annex II of Marpol 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.

Detergent Regulation : Labelling of contents:

Component	%
Non-ionic surfactants	15-30%
perfumes	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
2		Modified	
3.2		Modified	
15.1		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 H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation.
H318	Causes serious eye damage.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

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