

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Cutan® ANTIBAC Lotion**

Version 1.0
Revision Date 12.12.2022

Print Date 12.12.2022
Specification Number: 350000043512

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

- 1.1 Product identifier** : Cutan® ANTIBAC Lotion
- UFI** : HHX3-EOQW-N00K-SVGC
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
- Use of the Substance/Mixture** : PT1 Human Hygiene Biocidal Product
- Uses advised against** : None identified
- 1.3 Details of the supplier of the safety data sheet** : SC Johnson Professional GmbH,
Girmesgath 5,
47803 Krefeld
- Telephone** : +44 (0) 1773 85510
+49 (0) 2151 73801827
- E-mail address** : talktous@scj.com
- 1.4 Emergency telephone number** : National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

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

Hazard classification	Hazard category	Hazards identification
Long-term (chronic) aquatic hazard	Category 3	Harmful to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard statements

(H412) Harmful to aquatic life with long lasting effects.

Precautionary statements

(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) If eye irritation persists:

(P313) Get medical advice/ attention.

(P501) Dispose of contents /container in accordance with local regulations.

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(P273) Avoid release to the environment.**2.3 Other hazards****: Endocrine Disruptor**

The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

PBT and vPvB substance

The mixture does not contain any substances >0.1% that meet the criteria for persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with Annex XIII.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Mixtures****Hazardous components:**

Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1 /	01-2119488530-36	Serious eye damage/eye irritation Category 1 H318	>= 1.00 - < 5.00	ATE: Oral = > 5,000 mg/kg Species: Rat Dermal = > 2,000 mg/kg Species: Rabbit
didecyldimethylammonium chloride	7173-51-5 / 230-525-2	01-2119945987-15	Acute toxicity Category 4 H302 Skin corrosion Category 1B H314 Long-term (chronic) aquatic hazard Category 2 H411 Short-term (acute) aquatic hazard Category 1	>= 1.00 - < 5.00	M-Factor Acute = 10 ATE: Oral = 329 mg/kg Species: Rat Dermal = > 1,000 mg/kg Species: Rat

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Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
			H400		
Alkylpolyglycoside C10-16	110615-47-9 /	01-2119489418-23	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 1 H318	>= 1.00 - < 5.00	ATE: Oral = > 5,000 mg/kg Species: Rat Dermal = > 2,000 mg/kg Species: Rabbit SCL: Skin corrosion/irritation H315 >= 30 % Serious Eye Damage/Eye Irritation H318 12 - < 30 %
D-gluconic acid, compound with N,N'-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanedi amidine (2:1)	18472-51-0 / 242-354-0	01-2119946568-22	Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 1 H410 Serious eye damage Category 1 H318	>= 0.50 - < 1.00	M-Factor Acute = 10 ATE:
Alcohols, C12-14, ethoxylated (2EO)	68439-50-9 /	01-2119487984-16	Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard	>= 0.10 - < 0.50	M-Factor Acute = 1 ATE: Oral = > 2,000 mg/kg Species: Rat

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Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
			Category 3 H412 Serious eye damage Category 1 H318		

Additional Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

- Inhalation : No special requirements
- Skin contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Ingestion : If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Eyes : No adverse effects expected when used as directed.
- Skin effect : No adverse effects expected when used as directed.
- Inhalation : No adverse effects expected when used as directed.
- Ingestion : May cause abdominal discomfort.
No adverse effects expected when used as directed.

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : None identified

5.2 Special hazards arising from the substance or mixture : In case of fire and/or explosion do not breathe fumes. Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

6.2 Environmental precautions : Outside of normal use, avoid release to the environment. Prevent large amounts of product from entering drains. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Use appropriate containment to avoid environmental contamination.

6.3 Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean residue from spill site. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections : For personal protection see section 8. For disposal considerations see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling : For personal protection see section 8. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities : Do not freeze. Keep out of the reach of children.

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No decomposition if stored and applied as directed.

7.3 Specific end use(s) : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PT1 Human Hygiene Biocidal Product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational Exposure Limit Values**

Contains no substances with occupational exposure limit values.

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : For prolonged or repeated contact use protective gloves.
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.

Eye/face protection : No special requirements.

Skin and body protection : No special requirements.

Other information : Wash hands before breaks and at the end of workday.

Environmental Exposure Controls : Refer to section 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance : liquid

Colour : green

Odour : characteristic

pH : 7.3

Melting point/freezing point : 0 °C

Initial boiling point and boiling range : > 100 C

Flash point : > 100 °C
does not flash

Flammability (solid, gas) : Test not applicable for this product type

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Lower flammability or explosive limits	:	Not measured as flashpoint >100 °C
Upper flammability or explosive limits	:	Not measured as flashpoint >100 °C
Vapour density	:	Not measured as flashpoint >100 °C
Relative density	:	1.015 g/cm ³ at 20 °C
Solubility(ies)	:	soluble
Partition coefficient: n-octanol/water	:	Not required as the product is a mixture.
Auto-ignition temperature	:	Not measured as flashpoint >100 °C
Decomposition temperature	:	The substance or mixture is not classified self-reactive.
Viscosity, kinematic	:	similar to water
Particle Characteristics	:	
9.2 Other information	:	
Other information	:	Test not applicable for this product type

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	:	No dangerous reaction known under conditions of normal use.
10.2 Chemical stability	:	Stable under recommended storage conditions.
10.4 Conditions to avoid	:	Extremes of temperature and direct sunlight.
10.5 Incompatible materials	:	None known.
10.6 Hazardous decomposition products	:	No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity

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Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

Acute inhalation toxicity

No data available

Acute dermal toxicity

No data available

- Skin corrosion/irritation : Based on available data, the classification criteria are not met.
- Serious eye damage/eye irritation : Based on available data, the classification criteria are not met.
BCOP: Bovine Corneal Opacity and Permeability
- 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.
- Toxicity for reproduction : 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.

11.2 Information on other hazards

- Endocrine Disrupting Properties : The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties
- Other information : None identified

SECTION 12: ECOLOGICAL INFORMATION**Product** : The product itself has not been tested.**12.1 Toxicity****Toxicity to fish**

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Components	End point	Species	Value	Exposure time
D-Glucopyranose, oligomers, decyl octyl glycosides	LC50 semi-static test	Danio rerio (zebra fish)	126 mg/l	96 h
	NOEC semi-static test Read-across (Analogy)	Danio rerio (zebra fish)	1.8 mg/l	28 d
didecyldimethylammonium chloride		Pimephales promelas (fathead minnow)	0.19 mg/l	96 h
		Danio rerio (zebra fish)	0.0322 mg/l	34 d
Alkylpolyglycoside C10-16	LC50 semi-static test ISO 7346/2	Fish	1 - 10 mg/l	96 h
	NOEC	Fish	> 1 - 10 mg/l	
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	LC50 semi-static test estimated OECD Test Guideline 203	Danio rerio (zebra fish)	2.08 mg/l	96 h
Alcohols, C12-14, ethoxylated (2EO)	LC50 semi-static test	Danio rerio (zebra fish)	0.876 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
D-Glucopyranose, oligomers, decyl octyl glycosides	EC50 static test	Daphnia magna (Water flea)	> 100 mg/l	48 h
	NOEC semi-static test Read-across (Analogy)	Daphnia magna	1 mg/l	21 d
didecyldimethylammonium chloride	EC50	Daphnia magna (Water flea)	0.064 mg/l	48 h
	NOEC	Daphnia magna	0.014 mg/l	21 d
Alkylpolyglycoside C10-16	EC50 static test	Daphnia magna (Water flea)	7 mg/l	48 h
	NOEC	Daphnia	> 1 - 10 mg/l	
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-	EC50 static test estimated	Daphnia magna (Water flea)	0.087 mg/l	48 h

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diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	NOEC semi-static test estimated	Daphnia magna	0.0206 mg/l	21 d
Alcohols, C12-14, ethoxylated (2EO)	EC50 static test	Daphnia magna (Water flea)	0.39 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
D-Glucopyranose, oligomers, decyl octyl glycosides	EC50 static test	Desmodesmus subspicatus (green algae)	27.22 mg/l	72 h
didecyltrimethylammonium chloride	EC50	Selenastrum capricornutum, Skeletonema costatum	0.026 mg/l	96 h
Alkylpolyglycoside C10-16	EC50 static test	Desmodesmus subspicatus (green algae)	12.5 mg/l	72 h
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	EC50 static test estimated	Desmodesmus subspicatus (green algae)	0.081 mg/l	72 h
Alcohols, C12-14, ethoxylated (2EO)	No data available			

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
D-Glucopyranose, oligomers, decyl octyl glycosides	100 %	28 d	Readily biodegradable.
didecyltrimethylammonium chloride	69 %	28 d	Readily biodegradable.
Alkylpolyglycoside C10-16	> 70 %	28 d	Readily biodegradable.
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	71 % Measured	28 d	Readily biodegradable.
Alcohols, C12-14, ethoxylated (2EO)	95 %	28 d	Readily biodegradable.

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12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
D-Glucopyranose, oligomers, decyl octyl glycosides	0.9 estimated	1.72
didecyldimethylammonium chloride	81 Measured	2.58
Alkylpolyglycoside C10-16	No data available	<= -0.07
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)		
Alcohols, C12-14, ethoxylated (2EO)	No data available	No data available

12.4 Mobility in soil

Component	End point	Value
D-Glucopyranose, oligomers, decyl octyl glycosides	log Koc	1.7
didecyldimethylammonium chloride	Koc	562314
Alkylpolyglycoside C10-16	log Koc	1.7
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	No data available	
Alcohols, C12-14, ethoxylated (2EO)	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
D-Glucopyranose, oligomers, decyl octyl glycosides	Not fulfilling PBT and vPvB criteria
didecyldimethylammonium chloride	Not fulfilling PBT and vPvB criteria
Alkylpolyglycoside C10-16	Not fulfilling PBT and vPvB criteria
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	Not fulfilling PBT and vPvB criteria
Alcohols, C12-14, ethoxylated (2EO)	Not fulfilling PBT and vPvB criteria

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12.6 Endocrine Disrupting Properties : The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

- Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Disposal should be in accordance with local, state or national legislation.
Please recycle empty packaging.
- Packaging : Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** : This safety datasheet complies with the requirements of:
 - Regulation (EC) No. 1907/2006.
 - Regulation (EC) No. 1272/2008 (CLP) as amended (not applicable to cosmetics)
 - Regulation (EC) No. 528/2012 as amended (applicable to biocidal products)
 - Directive (EEC) No. 75/324 as amended (applicable to aerosols)
 - Regulation (EC) No. 1223/2009 amended (applicable to cosmetic products)
 - Regulation (EC) No. 684/2001 The surfactants contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No.648/2004 for detergents (applicable to detergents).

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Directive (EC) No. 2001/95/EC - General Product Safety Directive
European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
Directive 2012/18/EU Seveso
Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.
SZW list of carcinogenic, mutagenic and reproductively toxic substances

15.2 Chemical safety assessment : Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet

SECTION 16: OTHER INFORMATION

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Key abbreviations or acronyms used

- EC - European Community
- EEC – European Economic Community
- CLP – Classification Labelling & Packaging
- EN – European Standard or European Norm
- PBT – Persistent, Bioaccumulative & Toxic
- vPvB – very persistent, very bioaccumulative
- UN – United Nations

Evaluation methods

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

Full text of H-Statements

H318	Causes serious eye damage.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

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material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.