

SAFETY DATA SHEET

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

**Cutan Alcohol Free Hand Sanitiser**

Version 1.0
Revision Date 13.12.2022

Print Date 13.12.2022
Specification Number: 350000043410

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

1.1 Product identifier	:	Cutan Alcohol Free Hand Sanitiser
UFI	:	XGC4-U0XU-W00A-NEG3
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)

This product does not meet the criteria for classification in any hazard class according to regulation (EC) 1272/2008.

2.2 Label elements

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

Not classified as hazardous but avoid contact with eyes. For Professional use. Dispose of contents/container in accordance with national regulations. Use biocides safely and sustainably. It is illegal to use this product for uses or in a manner other than prescribed on this label.

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.

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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)
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 H400	>= 0.10 - < 0.50	M-Factor Acute = 10 <u>ATE :</u> Oral = 329 mg/kg Species: Rat Dermal = > 1,000 mg/kg Species: Rat
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	>= 0.00 - < 0.10	M-Factor Acute = 10 <u>ATE :</u>

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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)

WEL substance					
propane-1,2-diol	57-55-6 / 200-338-0	01-2119456809-23		>= 0.00 - < 0.10	ATE : Oral = 22,000 mg/kg Species: Rat Dermal = > 2,000 mg/kg Species: Rabbit Inhalation = > 317 mg/l Species: Rat

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.

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4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

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.
Prevent further leakage or spillage if safe to do so.
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.

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7.2 Conditions for safe storage, including any incompatibilities

: Do not freeze.
Keep out of the reach of children.
Stable at normal ambient temperature and pressure.
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**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
propane-1,2-diol	57-55-6	1,410 mg/m3		particulate	IE_STELS
		30 mg/m3			IE_STELS
			450 ppm	total vapour and particulates	IE_STELS
		10 mg/m3		particulate	IE_TWAS
		470 mg/m3	150 ppm	total vapour and particulates	IE_TWAS

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

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Colour	: colourless
Odour	: characteristic
pH	: 6.00 at (20 °C)
Melting point/freezing point	: 0 °C
Initial boiling point and boiling range	: 100 °C
Flash point	: does not flash
Flammability (solid, gas)	: The product is not flammable.
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	: 1.005 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	: Not measured as mixture is not self-reactive
Viscosity, kinematic	: similar to water
Particle Characteristics	: Not required as mixture is a liquid

9.2 Other information

Other information	: Test not applicable for this product type
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	: No dangerous reaction known under conditions of normal use.
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- 10.2 Chemical stability** : Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions** : None known.
- 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**

No data available

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.
- 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

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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**

Components	End point	Species	Value	Exposure time
didecyldimethylammonium chloride		Pimephales promelas (fathead minnow)	0.19 mg/l	96 h
		Danio rerio (zebra fish)	0.0322 mg/l	34 d
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
propane-1,2-diol	LC50 static test Measured	Oncorhynchus mykiss (rainbow trout)	40,613 mg/l	96 h
	Chronic Toxicity Value QSAR	Fish	2,500 mg/l	30 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
didecyldimethylammonium chloride	EC50	Daphnia magna (Water flea)	0.064 mg/l	48 h
	NOEC	Daphnia magna	0.014 mg/l	21 d
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	EC50 static test estimated	Daphnia magna (Water flea)	0.087 mg/l	48 h
	NOEC semi-static test estimated	Daphnia magna	0.0206 mg/l	21 d
propane-1,2-diol	EC50 static test	Ceriodaphnia dubia	18,340 mg/l	48 h

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	Measured			
	NOEC semi-static test Measured	Ceriodaphnia sp.	13,020 mg/l	7 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
didecyldimethylammonium chloride	EC50	Selenastrum capricornutum, Skeletonema costatum	0.026 mg/l	96 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
propane-1,2-diol	EC50 static test Measured	Scenedesmus capricornutum (fresh water algae)	19,000 mg/l	96 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
didecyldimethylammonium chloride	69 %	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.
propane-1,2-diol	81.7 % Measured	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
didecyldimethylammonium chloride	81 Measured	2.58
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)		
propane-1,2-diol	0.09	-1.07

12.4 Mobility in soil

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Component	End point	Value
didecyldimethylammonium chloride	Koc	562314
D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	No data available	
propane-1,2-diol	Koc	2.9 Measured

12.5 Results of PBT and vPvB assessment

Component	Results
didecyldimethylammonium chloride	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
propane-1,2-diol	Not fulfilling PBT and vPvB criteria

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.

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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).

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

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

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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.

H302	Harmful if swallowed.
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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 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.