SAFETY DATA SHEET

KÖKSRENT DESINFEKTION KONCENTRAT

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	01.06.2017
Revision date	19.02.2024

1.1. Product identifier

Product name	KÖKSRENT DESINFEKTION KONCENTRAT
UFI	JT72-U02D-T00S-D09F
Article no.	TP545
Extended SDS with ES incorporated	No

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

Product group	PT 2 - Disinfectants and algaecides not intended for direct application to humans or animals. PT 4 - Food and feed area.
Use of the substance / mixture	Disinfectant. Alkaline cleaner.
Main intended use	PP-BIO-2 Disinfectants and algaecides not intended for direct application to humans or animals
Secondary uses	PP-BIO-4 Biocidal products for food and feed area
Relevant identified uses	SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen) PC8 Biocidal Products (e.g. Disinfectants, pest control) PROC8a Transfer of substance or mixture (charging and discharging) at nondedicated facilities PROC11 Non-industrial spraying ERC8A Wide dispersive indoor use of processing aids in open systems
Industrial use	No
Professional use	Yes
Consumer use	No

1.3. Details of the supplier of the safety data sheet

Company name	Tingstad Papper AB
Office address	Marieholmsgatan 1-3
Postal address	Box 13013
Postcode	S-415 02
City	Göteborg
Country	Sweden
Telephone number	031-707 20 00
Fax	031-25 18 21
Email	kontakt@tingstad.se
Website	www.tingstad.com

1.4. Emergency telephone number

Emergency telephone	Telephone number: Tel: 112 Description: SOS Alarm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Skin Corr. 1B; H314; Calculation method Eye Dam. 1; H318; Calculation method Aquatic Acute 1; H400; Calculation method Aquatic Chronic 4; H411; Calculation method
CLP classification, comments	• The full text for all hazard statements is displayed in section 16.

2.2. Label elements

Hazard pictograms (CLP)

Composition on the label	Isotridecanol,ethoxylated, C12-C16 Alkylbenzyldimethylammonium chloride, Didecyldimethylammonium chloride
Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P260 Do not breathe spray. P280 Wear protective gloves / protective clothing / eye protection / face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor / physician. P391 Collect spillage.

	P501 Dispose of contents / container to godkänd mottagningsstation för farligt avfall.
Special supplemental label information mixtures	Active substances: Didecyldimethylammonium chloride 70 g/ kg. C12-C16 Alkylbenzyldimethylammonium chloride: 70 g/ kg.
Tactile warnings	No
Child-protection	No

2.3. Other hazards

PBT / vPvB	This product does not contain any PBT or vPvB substances.
Health effect	The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.
Environmental effects	The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture
Formulation type	SL Soluble concentrate

Substance	Identification	Classification	Contents	Notes
Isotridecanol,ethoxylated	CAS No.: 69011-36-5 EC No.: 931-138-8	Acute Tox. 4; H302 Eye Dam. 1; H318; SCL > 10 % Eye Dam. Kategori 1; H318 > 1 - 10 % Eye Irrit. Kategori 2; H319 Route of exposure: Oral Value : 555,56 mg/kg bw	5 ≤ 10 %	1 Wetting agent
C12-C16 Alkylbenzyldimethylammonium chloride	CAS No.: 68424-85-1 EC No.: 270-325-2 REACH Reg. No.: 01-2119965180-41-0000	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400; M-factor 10 Aquatic Chronic 1; H410; M-factor 1 Route of exposure: Oral Value : 1000 mg/kg bw	5 ≤ 10 %	1 Active substance
Didecyldimethylammonium chloride	CAS No.: 7173-51-5 EC No.: 230-525-2 REACH Reg. No.: 01-2119457558-25-xxxx	Acute Tox. 3; H301 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400; M-factor 10 Aquatic Chronic 2; H411; M-factor 1	5 ≤ 10 %	1 Active substance

		Route of exposure: Oral Value : 238 mg/kg		
Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0 REACH Reg. No.: 01-2119457558-25-0000	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 Route of exposure: Oral Value : 5840 mg/kg bw	1 ≤ 3 %	1,2 Solvent
Isotridecanol,ethoxylated	CAS No.: 69011-36-5 EC No.: 931-138-8	Eye Dam. 1; H318 Aquatic Chronic 3; H412 Route of exposure: Oral Value : > 2000 mg/kg bw	1 ≤ 3 %	1 Wetting agent
Sodium carbonate	CAS No.: 497-19-8 EC No.: 207-838-8 Index No.: 011-005-00-2 REACH Reg. No.: 01-2119485498-19-0000	Eye Irrit. 2; H319 Route of exposure: Oral Value : 2800 mg/kg bw	1 ≤ 3 %	1 pH adjuster

[1]Substance classified with a health or environmental hazard
[2]Substance with a workplace exposure limit

Description of the mixture	Content according to (EC) nr 648/2004 on detergents. Cationic surfactants 5-15 %, Non-ionic surfactants 5-15 %,
Remarks, substance	Active substances: Didecyldimethylammonium chloride 70 g/ kg. C12-C16 Alkylbenzyldimethylammonium chloride: 70 g/ kg.
Substance comments	The full text for all hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	SOS Alarm: Telephone: 112 (In case of emergency poisoning, 24 h service). NOTE! Effects may be delayed. Keep affected person under observation.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water. Get medical attention.
Eye contact	Rinse the eye with water immediately. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. Continue to rinse.
Ingestion	Rinse mouth with water. Drink a few glasses of water or milk. DO NOT INDUCE VOMITING! Get medical attention immediately!

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

Acute symptoms and effects	IF IN EYES: Corrosive. Causes severe burns and serious eye damage. IF ON SKIN:

	Strongly corrosive. May cause deep tissue damage. IF SWALLOWED: Symptoms are severe burning pains in mouth, throat and stomach. Risk of corrosion in the throat, the oesophagus and the stomach.
Delayed symptoms and effects	IF IN EYES: Corrosive. Causes severe burns and serious eye damage. IF ON SKIN: Corrosive. Prolonged contact causes serious tissue damage. IF SWALLOWED: Symptoms are severe burning pains in mouth, throat and stomach. Risk of corrosion in the throat, the oesophagus and the stomach.

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

Other information	Notes to the physician: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Improper extinguishing media	Avoid water in straight hose stream; will scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	This product is not flammable.
Hazardous combustion products	In case of fire and high temperatures, the water in the product may evaporate. This can result in the release of hazardous gases. Carbon monoxide (CO). Carbon dioxide (CO2). Nitrous gases (NOx).

5.3. Advice for firefighters

Personal protective equipment	Use personal protective equipment as required.
Fire fighting procedures	Avoid water in straight hose stream; will scatter and spread fire.
Other information	Not classified as flammable under current regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Eliminate all ignition sources if safe to do so.
Personal protection measures	For personal protection, see section 8.
For emergency responders	Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautionary measures	Prevent discharge of larger quantity to drain. Contain spillages with sand, earth or any suitable absorbent material. Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up

Clean up	Absorb in vermiculite, dry sand or earth and place into containers. Absorb spillage to prevent material damage. Flush area with lots of water. Be aware of

potential for surfaces to become slippery. Spillage should be collected for recycling.

6.4. Reference to other sections

Other instructions	See section 1 (Safety Data Sheet) - Emergency telephone number. See section 8 (Safety Data Sheet) - Exposure controls/personal protection. See section 13 (Safety Data Sheet) - Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Follow instructions and ensure correct dilution of this product before use. When using do not eat, drink or smoke.

Protective safety measures

Advice on general occupational hygiene	Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in closed original container at temperatures between 5°C and 30°C. Protect against direct sunlight.

7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Propan-2-ol	CAS No.: 67-63-0	Limit value (8 h) : 400 ppm Limit value (8 h) : 999 mg/m³ **Limit value (short term)** Value: 500 ppm **Limit value (short term)** Value: 1250 mg/m³ Limit value (8 h) : 350 mg/m3 **Limit value (short term)** Value: 250 ppm **Limit value (short term)** Value: 600 mg/m3	TWA Year: 1989

DNEL / PNEC

Substance	C12-C16 Alkylbenzyldimethylammonium chloride
DNEL	**Group:** Professional **Route of exposure:** Lång sikt (upprepad) - Inandning - Systemisk effekt

	Value: 3,96 mg/m3
PNEC	**Route of exposure:** Saltwater **Value:** 0,00009 mg/l **Route of exposure:** Freshwater **Value:** 0,0009 mg/l
Substance	Didecyldimethylammonium chloride
DNEL	**Group:** Professional **Route of exposure:** Lång sikt (upprepad) - Inandning - Systemisk effekt **Value:** 18,2 mg/kg **Group:** Professional **Route of exposure:** Lång sikt (upprepad) - Dermal - Systemisk effekt **Value:** 8,6 mg/kg bw/day
PNEC	**Route of exposure:** Freshwater sediments **Value:** 2,82 mg/kg dw **Route of exposure:** Freshwater **Value:** 0,002 mg/l **Route of exposure:** Saltwater **Value:** 0,0002 mg/l **Route of exposure:** Sewage treatment plant STP **Value:** 0,595 mg/l **Route of exposure:** Saltwater sediments **Value:** 0,282 mg/kg dw **Route of exposure:** Soil **Value:** 1,4 mg/kg dw
Substance	Propan-2-ol
DNEL	**Group:** Professional **Route of exposure:** Lång sikt (upprepad) - Dermal - Systemisk effekt **Value:** 888 mg/kg kroppsvikt/dygn **Group:** Professional **Route of exposure:** Lång sikt (upprepad) - Inandning - Systemisk effekt **Value:** 500 mg/m3
PNEC	**Route of exposure:** Sewage treatment plant STP **Value:** 2251 mg/l **Route of exposure:** Soil **Value:** 28 mg/kg **Route of exposure:** Saltwater **Value:** 140,9 mg/l **Route of exposure:** Freshwater **Value:** 140,9 mg/l
Substance	Sodium carbonate
DNEL	**Group:** Professional

Route of exposure: Long term (repeated) - Inhalation - Systemic effect
Value: 10 mg/m3

8.2. Exposure controls

Safety signs

Precautionary measures to prevent exposure

Instruction on measures to prevent exposure	Provide eyewash, quick drench. Provide access to washing facilities incl. soap, skin cleanser and fatty cream.

Eye / face protection

Suitable eye protection	Use approved safety goggles or face shield.

Hand protection

Skin- / hand protection, short term contact	Wear protective gloves.
Skin- / hand protection, long term contact	Wear protective gloves.
Suitable gloves type	Neoprene. Nitrile.
Unsuitable materials	Polyvinyl alcohol (PVA).
Breakthrough time	Value: > 360 minute(s) Comments: Neoprene - 0,46 mm Value: > 360 minute(s) Comments: Nitril - 0,28 mm
Hand protection, comments	The listed glove materials are proposed after review of the raw materials and review of various known guides for protective gloves.

Skin protection

Skin protection remark	Wear suitable protective clothing.

Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation wear respiratory protection.
Recommended respiratory protection	Mask type: In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P3).
Additional respiratory protection measures	Well-ventilated area.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Physical state	Clear liquid.
Colour	Violet.
Colour intensity	Translucent.
Odour	Characteristic.
pH	Status: In delivery state Value: ~ 11 Temperature: 20 °C Status: In aqueous solution Value: ~ 10 Method: 2 % Temperature: 20 °C
Freezing point	Value: ~ 0 °C
Boiling point / boiling range	Value: ~ 100 °C
Flash point	Value: > 70 °C Comments: Water-based product.
Evaporation rate	Comments: Not determined. Reason for waiving data: No data.
Flammability	Not classified as a fire hazard.
Vapour pressure	Value: < 3 kPa Temperature: 20 °C
Vapour density	Comments: Data lacking. Reason for waiving data: Cannot be determined.
Relative density	Value: 0,99 Temperature: 20 °C
Solubility	Comments: Soluble in water.
Partition coefficient: n-octanol/ water	Value: < 3 Comments: Log Pow (Estimated value with starting point from raw materials)
Auto-ignition temperature	Comments: Ej självantändlig.
Decomposition temperature	Comments: Data lacking. Reason for waiving data: No data.
Viscosity	Value: < 40 mm2/s Method: ISO 2431, 4 mm Comments: Thin fluid
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Physical hazards

Solvent content	Value: < 3 %

9.2.2. Other safety characteristics

Miscibility	Fully miscible with water.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Stable under normal temperature conditions and recommended use.

10.4. Conditions to avoid

Conditions to avoid	Do not mix with other detergents or chemicals. Avoid contact with acids and oxidising substances.

10.5. Incompatible materials

Materials to avoid	No recommendation given.

10.6. Hazardous decomposition products

Hazardous decomposition products	During fire, toxic gases (CO, CO2, NOx) are formed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other information regarding health hazards

Acute toxicity, mixture estimate	Dose: ATEmix calculated Route of exposure: Oral Value: > 2000 mg/kg bw
Assessment of acute toxicity, classification	Not classified based on available information.
Assessment of skin corrosion / irritation, classification	Skin Corr 1B. H314 Causes severe skin burns and eye damage.
Assessment of eye damage or irritation, classification	Eye Dam 1. H318 Causes serious eye damage.
Assessment of respiratory sensitisation, classification	Not classified based on available information.
Assessment of skin sensitisation, classification	Not classified based on available information.
Assessment of germ cell mutagenicity, classification	Not classified based on available information.

Assessment of carcinogenicity, classification	Not classified based on available information.
Assessment of reproductive toxicity, classification	Not classified based on available information.
Assessment of specific target organ toxicity - single exposure, classification	Not classified based on available information.
Assessment of specific target organ toxicity - repeated exposure, classification	Not classified based on available information.
Assessment of aspiration hazard, classification	Not classified based on available information.

Symptoms of exposure

In case of ingestion	Symptoms are severe burning pains in mouth, throat and stomach. Risk of corrosion in the throat, the oesophagus and the stomach.
In case of skin contact	Corrosive. Prolonged contact causes serious tissue damage.
In case of inhalation	Spray mist irritates the respiratory system, and may cause coughing and difficulties in breathing.
In case of eye contact	Corrosive. Causes severe burns and serious eye damage.

11.2 Other information

Endocrine disruption	The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Isotridecanol,ethoxylated
Aquatic toxicity, fish	**Toxicity type:** Acute **Value:** > 10 - 100 mg/l **Effect dose concentration:** EC50 **Test duration:** 96 h **Species:** Brachydanio rerio **Method:** OECD 203
Substance	C12-C16 Alkylbenzyldimethylammonium chloride
Aquatic toxicity, fish	**Value:** > 0,1 - 1,0 mg/l **Effect dose concentration:** LC50 **Test duration:** 96 h **Species:** Lepomis macrochirus
Substance	Didecyldimethylammonium chloride
Aquatic toxicity, fish	**Toxicity type:** Acute **Value:** > 0,1 - 1,0 mg/l **Effect dose concentration:** LC50 **Test duration:** 96 h **Species:** Pimephales promelas

	Toxicity type: Chronic **Value:** > 0,01 - 0,1 mg/l **Effect dose concentration:** NOEC **Test duration:** 34 day(s) **Species:** Danio rerio
Substance	Propan-2-ol
Aquatic toxicity, fish	**Value:** > 1000 mg/l **Test duration:** 96 h **Species:** Pimephales promelas; **Method:** LC50
Substance	Isotridecanol,ethoxylated
Aquatic toxicity, fish	**Value:** > 1 - 10 mg/l **Test duration:** 96 h **Species:** Cyprinus carpio **Method:** EC50
Substance	Sodium carbonate
Aquatic toxicity, fish	**Value:** 300 mg/l **Test duration:** 96 h **Species:** Lepomis macrochirus
Substance	Isotridecanol,ethoxylated
Aquatic toxicity, algae	**Toxicity type:** Acute **Value:** > 1 - 10 mg/l **Test duration:** 72 hour(s) **Species:** Desmodesmus subspicatus **Method:** OECD 201
Substance	C12-C16 Alkylbenzyldimethylammonium chloride
Aquatic toxicity, algae	**Value:** > 0,01 - 0,1 mg/l **Effect dose concentration:** EC50 **Test duration:** 72 h **Species:** Selenastrum capricornutum **Value:** > 0,001 -0,01 mg/l **Effect dose concentration:** NOEC **Test duration:** 72 hour(s) **Species:** Selenastrum capricornutum
Substance	Didecyldimethylammonium chloride
Aquatic toxicity, algae	**Value:** > 0,01 - 0,1 mg/l **Effect dose concentration:** ERC50 **Test duration:** 96 hour(s) **Species:** Pseudokirchneriella subcapitata **Value:** > 0,01 - 0,1 mg/l **Effect dose concentration:** NOEC **Test duration:** 72 hour(s) **Species:** Pseudokirchneriella subcapitata
Substance	Propan-2-ol

Aquatic toxicity, algae	**Value:** > 100 mg/l **Test duration:** 72 h **Species:** Scenedesmus subspicatus; **Method:** EC50
Substance	Isotridecanol,ethoxylated
Aquatic toxicity, algae	**Value:** > 1 - 10 mg/l **Test duration:** 72 h **Species:** Desmodesmus subspicatus **Method:** EC50
Substance	Sodium carbonate
Aquatic toxicity, algae	**Comments:** No data recorded.
Substance	Isotridecanol,ethoxylated
Aquatic toxicity, crustacean	**Toxicity type:** Acute **Value:** > 1 - 10 mg/l **Effect dose concentration:** EC50 **Test duration:** 48h **Species:** Dahnia magna **Method:** OECD TG 202 **Toxicity type:** Chronic **Value:** > 1 -10 mg/l **Effect dose concentration:** EC10 **Test duration:** 21 day(s) **Species:** Dahnia magna **Method:** OECD 211
Substance	C12-C16 Alkylbenzyldimethylammonium chloride
Aquatic toxicity, crustacean	**Value:** > 0,01 - 0,1 mg/l **Effect dose concentration:** EC50 **Test duration:** 48 h **Species:** Dahnia magna
Substance	Didecyldimethylammonium chloride
Aquatic toxicity, crustacean	**Value:** > 0,01 - 0,1 mg/l **Effect dose concentration:** EC50 **Test duration:** 48 h **Species:** Dahnia magna **Value:** > 0,01 - 0,1 mg/l **Effect dose concentration:** NOEC **Test duration:** 21 day(s) **Species:** Dahnia magna
Substance	Propan-2-ol
Aquatic toxicity, crustacean	**Value:** > 1000 mg/l **Test duration:** 24 h **Species:** Daphnia magna **Method:** EC50
Substance	Isotridecanol,ethoxylated
Aquatic toxicity, crustacean	**Value:** > 1 - 10 mg/l

	Test duration: 48h **Species:** Dahnia magna **Method:** EC50
Substance	Sodium carbonate
Aquatic toxicity, crustacean	**Value:** 200 - 227 mg/l **Test duration:** 48 h **Species:** Daphnia
Ecotoxicity	The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Surfactants complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Substance	Isotridecanol,ethoxylated
Biodegradability	**Value:** > 60 % **Method:** OECD TG 301B **Test period:** 28 d **Value:** > 60 % **Method:** OECD 311 **Test period:** 60 day(s)
Substance	C12-C16 Alkylbenzyldimethylammonium chloride
Biodegradability	**Value:** > 60 % **Method:** OECD TG 301 D
Substance	Didecyldimethylammonium chloride
Biodegradability	**Value:** > 60 % **Method:** OECD TG 301 B
Substance	Propan-2-ol
Biodegradability	**Value:** 58 % **Test period:** 5 d
Substance	Isotridecanol,ethoxylated
Biodegradability	**Value:** > 60 % **Method:** OECD TG 301B **Test period:** 28 d **Value:** > 60 % **Method:** OECD 311 **Test period:** 60 day(s)

12.3. Bioaccumulative potential

Bioaccumulation, comments	Bioaccumulation: Is not expected to be bioaccumulable.

12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

Endocrine disrupting properties	The product does not contain endocrine substances in accordance with EU 2017/2100, Annex B.

12.7. Other adverse effects

Additional ecological information	Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Residues and used product that cannot be reused shall be treated as hazardous waste.
Appropriate methods of disposal for the contaminated packaging	Packaging which is not cleaned shall be treated as hazardous waste. Empty, cleaned packaging should be disposed of for recycling.
EWC waste code	EWC waste code: 070699 wastes not otherwise specified Classified as hazardous waste: Yes
EWL packing	EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes EWC waste code: 150102 plasticpackaging Classified as hazardous waste: Nej EWC waste code: 150101 paper and cardboard packaging Classified as hazardous waste: No
EU Regulations	(EF) 1357/2014. (EF) 2017/997.
Other information	A product's waste code depends on the area of activity and how the product is used. A suggestion for a waste code is set out in this safety data sheet. However, it is always the responsibility of the user to make a final assessment/ classification of the waste. Local regulations and EU regulations (see section 15) must be complied with in waste management. Consult local authorities when handling waste.

SECTION 14: Transport information

Dangerous goods	Yes

14.1. UN number

ADR/RID/ADN	1903
IMDG	1903
ICAO/IATA	1903

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
Technical name/Danger releasing substance English ADR/RID/ADN	(Didecyldimethylammonium chloride),
ADR/RID/ADN	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
IMDG	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
ICAO/IATA	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.

14.3. Transport hazard class(es)

ADR/RID/ADN	8
Classificaton code ADR/RID/ADN	C9
IMDG	8
ICAO/IATA	8

14.4. Packing group

ADR/RID/ADN	III
IMDG	III
ICAO/IATA	III

14.5. Environmental hazards

IMDG Marine pollutant	Yes

14.6. Special precautions for user

Special safety precautions for user	No recommendation given.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No

Additional information

Hazard label ADR/RID/ADN	8
Hazard label IMDG	8
Hazard label ICAO/IATA	8

ADR/RID Other information

Tunnel restriction code	E
Limited quantity	≤5 litre (inner packaging) and maximum 30 kg per package
Transport category	3
Hazard No.	80

IMDG Other information

EmS	F-A, S-B
Limited quantity	≤5 litre (inner packaging) and maximum 30 kg per package

SECTION 15: Regulatory information

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

Other label information	For professional users only.
Biocides	Yes
Nanomaterial	No
Legislation and regulations	REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on detergents. EC 1907/2006 - REACH REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing. SFS 2020:614 - Avfallsförordningen. (Swedish Work Environment Authority) AFS 2018:1 - Hygieniska gränsvärden. (Swedish Work Environment Authority)

15.2. Chemical safety assessment

Substance	Isotridecanol,ethoxylated
Chemical safety assessment performed	No
Substance	C12-C16 Alkylbenzyldimethylammonium chloride
Chemical safety assessment performed	Yes
Substance	Didecyldimethylammonium chloride
Chemical safety assessment performed	Yes
Substance	Propan-2-ol
Chemical safety assessment performed	Yes
Substance	Isotridecanol,ethoxylated
Chemical safety assessment performed	No
Substance	Sodium carbonate
Chemical safety assessment performed	Yes
Exposure scenarios for mixture	No

SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable

	provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
List of relevant H-phrases (Section 2 and 3)	H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Information added, deleted or revised	Change to Sections: 1, 2.2, 6.4, 9.1, 14.2 16,
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