

This safety data sheet was created pursuant to the requirements of:
UK REACH Regulations (SI 2019/758 as amended)

Revision date 25-Apr-2025

Revision Number 1

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

1.1. Product identifier

Product Code(s) 126240
Safety data sheet number 126240
Product Name DEXCARE CD-2 POLYMER

Pure substance/mixture Mixture

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

Recommended use Cosmetics

1.3. Details of the supplier of the safety data sheet

Supplier

Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com
Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 1 - (H410)

2.2. Label elements

**Signal word**

Warning

Hazard statements

H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements

P273 - Avoid release to the environment

P391 - Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal plant

Unknown aquatic toxicity

Contains 0 % of components with unknown hazards to the aquatic environment.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
WATER 7732-18-5	60.0 - 65.0 %	231-791-2	-	Not classified	-	-	-
DEXTRAN HYDROXYPROPYL TRIMONIUM/LAUR DIMONIUM CHLORIDE 83855-79-2	20.0 - 24.0 %	-	-	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	1	1
(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE 34004-36-9	0.0 - 6.0 %	251-783-2	-	Not Classified	-	-	-
SODIUM CHLORIDE 7647-14-5	0.0 - 2.0 %	231-598-3	-	Not Classified	-	-	-
SODIUM ACETATE 127-09-3	0.0 - 2.0 %	204-823-8	-	Not Classified	-	-	-
1-DODECANAMINI	>= 0.25 -	-	-	Acute Tox. 4 (H302)	-	10	1

UM, N-(2,3DIHYDROXY PROPYL)N,N-DIME THYL- 168010-47-7	< 1.0 %			Skin Corr. 1B (H314) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)			
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Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (UK REACH Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Use personal protection recommended in Section 8.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Get medical attention if symptoms occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.
Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if symptoms occur.
Ingestion	Rinse mouth thoroughly with water. Do NOT induce vomiting. Get medical attention if symptoms occur.

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

Symptoms

Eyes	Not expected to cause eye irritation.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical, CO ₂ , alcohol-resistant foam or water spray.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	When heated and in case of fire, toxic vapours/gases may be formed. Exposure to combustion products may be a hazard to health.
Hazardous combustion products	Carbon oxides.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Follow precautions for safe handling described in this safety data sheet.

Other information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Use personal protection recommended in Section 8. Avoid contact with skin, eyes and inhalation of vapours. Avoid spilling. Avoid release to the environment. Handle in accordance with good industrial hygiene and safety practice. Empty containers retain product residue and can be hazardous.

General hygiene considerations Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep in properly labelled containers. Store away from the following materials. Strong oxidising agents.

Packaging materials Unsuitable container/equipment material. Aluminium. Carbon Steel. copper.

7.3. Specific end use(s)

Specific use(s)
See section 1 for more information.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
SODIUM CHLORIDE 7647-14-5		295.52 mg/kg bw/day [4] [6] 295.52 mg/kg bw/day [4] [7]	2068.62 mg/m ³ [4] [6] 2068.62 mg/m ³ [4] [7]
SODIUM ACETATE 127-09-3		12 mg/kg bw/day [4] [6] 72 mg/kg bw/day [4] [7]	1057.9 mg/m ³ [4] [6] 6347.36 mg/m ³ [4] [7]

[4] Systemic health effects.
[6] Long term.
[7] Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
SODIUM CHLORIDE 7647-14-5	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	126.65 mg/kg bw/day [4] [6] 126.65 mg/kg bw/day [4] [7]	443.28 mg/m ³ [4] [6] 443.28 mg/m ³ [4] [7]
SODIUM ACETATE 127-09-3	6 mg/kg bw/day [4] [6] 36 mg/kg bw/day [4] [7]	36 mg/kg bw/day [4] [6] 36 mg/kg bw/day [4] [7]	521.73 mg/m ³ [4] [6] 3103.45 mg/m ³ [4] [7]

[4] Systemic health effects.
[6] Long term.
[7] Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
SODIUM CHLORIDE 7647-14-5	5 mg/L	19 mg/l			
SODIUM ACETATE 127-09-3	0.1 mg/l		0.01 mg/l		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
SODIUM CHLORIDE 7647-14-5			500 mg/L	4.86 mg/kg soil dw	
SODIUM ACETATE	0.000402 mg/kg	0.00004 mg/kg	0.72 g/L	0.000402 mg/kg	

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
127-09-3					

8.2. Exposure controls

Engineering controls No information available.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Use eye protection according to EN 166.

Hand protection Wear suitable gloves. Gloves must conform to standard EN 374.

Gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
	Wear protective Neoprene™ gloves	> 0.35 mm	> 120 minutes
	Nitrile/butadiene rubber ("nitrile" or "NBR").	> 0.35 mm	> 120 minutes
	Polyvinyl chloride (PVC)	> 0.35 mm	> 120 minutes

Skin and body protection Wear appropriate clothing to prevent reasonably probable skin contact.

Respiratory protection Use appropriate respiratory protection.
Recommended filter type: Particulate filter, type P2. Particulates filter conforming to EN 143.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state Liquid
Appearance Liquid
Colour yellow To brown
Odour Amine.
Odour threshold No information available

<u>Property</u>	<u>Values</u>
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Melting point / freezing point	
Initial boiling point and boiling range	100 °C

Flammability**Flammability Limit in Air**

Upper flammability or explosive limits

Lower flammability or explosive limits

Flash point	93.3 °C
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Autoignition temperature**Decomposition temperature**

pH	5.0 - 7.0
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pH (as aqueous solution)

Kinematic viscosity

Dynamic viscosity

Water solubility	Soluble in water
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Solubility(ies)**Remarks • Method**

Not applicable.
 @ 760 hPa., Estimated. Water.
 No information available.
 Not applicable.

@ 760 mmHg. Open cup.

Not applicable.
 No information available.
 solution (2 %).
 No information available.
 No information available.
 No information available.

No information available.

Partition coefficient		No information available.
Vapour pressure		No information available.
Relative density	1.12	@ 25 °C.
Bulk density		No information available
Liquid Density	No information available	No information available
Relative vapour density		No information available.
Particle characteristics		No information available.
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	No information available	
Oxidising properties	No information available	

9.2. Other information

Evaporation rate	Nil.
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SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	No known effects under normal use conditions.
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10.2. Chemical stability

Stability	Stable under normal conditions.
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Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	The following materials may react with the product:. Strong oxidising agents. Vapours may form explosive mixtures with air.
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Hazardous polymerisation	Hazardous polymerisation does not occur.
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10.4. Conditions to avoid

Conditions to avoid	None known based on information supplied.
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10.5. Incompatible materials

Incompatible materials	Oxidising agents. Strong oxidising agents. Strong bases.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon oxides.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects****Information on likely routes of exposure****Product Information**

Inhalation Inhalation of vapours in high concentration may cause irritation of respiratory system.

Eye contact Not expected to cause eye irritation.

Skin contact Brief contact is essentially non-irritating to skin.

Ingestion May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 Oral LD50 > 5000 mg/kg
Dermal LD50 Dermal LD50 > 2000 mg/kg

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
SODIUM CHLORIDE	> 3500 mg/kg (Rat)	10000 mg/kg (Rabbit)	> 42 mg/L (Rat) 1 h
SODIUM ACETATE	> 3500 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 30 mg/L (Rat) 1 h
1-DODECANAMINIUM, N-(2,3DIHYDROXYPROPYL)N, N-DIMETHYL-	500 mg/kg	> 2000 mg/kg	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Brief contact is essentially non-irritating to skin.

(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE (34004-36-9)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Prolonged exposure not likely to cause significant skin irritation.

SODIUM CHLORIDE (7647-14-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Brief contact is essentially non-irritating to skin. Prolonged contact may cause slight skin irritation with local redness May cause more severe response if skin is abraded (scratched or cut).

SODIUM ACETATE (127-09-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Prolonged exposure not likely to cause

					significant skin irritation.
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1-DODECANAMINIUM, N-(2,3DIHYDROXYPROPYL)N,N-DIMETHYL- (168010-47-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes severe burns Symptoms may include pain, severe local redness and tissue damage.

Serious eye damage/eye irritation On basis of test data. non-irritant.

(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE (34004-36-9)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					May cause temporary eye irritation Corneal injury is unlikely

SODIUM CHLORIDE (7647-14-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					May cause slight eye irritation Dust may irritate eyes

SODIUM ACETATE (127-09-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					May cause slight eye irritation Corneal injury is unlikely

1-DODECANAMINIUM, N-(2,3DIHYDROXYPROPYL)N,N-DIMETHYL- (168010-47-7)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Causes serious eye damage May cause permanent damage if eye is not immediately irrigated. Causes eye burns

Respiratory or skin sensitisation No information available.

(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE (34004-36-9)

Method	Species	Exposure route	Results
	Mouse	Dermal	Not a skin sensitiser

SODIUM CHLORIDE (7647-14-5)

Method	Species	Exposure route	Results
		Inhalation	No signs of respiratory sensitization have been reported.

SODIUM ACETATE (127-09-3)

Method	Species	Exposure route	Results
	Human evidence	Dermal	Not a skin sensitiser

Germ cell mutagenicity No information available.

Component Information

(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE (34004-36-9)

Method	Species	Results
	in vitro	Negative

SODIUM CHLORIDE (7647-14-5)

Method	Species	Results
	in vitro	Negative
		Negative Did not show mutagenic effects in animal experiments

SODIUM ACETATE (127-09-3)

Method	Species	Results
	in vitro	Negative
		Negative Did not show mutagenic effects in animal experiments

Carcinogenicity No information available.

Component Information

SODIUM CHLORIDE (7647-14-5)

Method	Species	Results
		Did not cause cancer in laboratory animals.

Reproductive toxicity No information available.

SODIUM ACETATE (127-09-3)

Method	Species	Results
		For similar material(s): In animal studies, did not interfere with reproduction

STOT - single exposure No information available.

SODIUM CHLORIDE (7647-14-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Evaluation of available data suggests that this material is not an STOT-SE toxicant

SODIUM ACETATE (127-09-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Evaluation of available data suggests that this material is not an STOT-SE toxicant

STOT - repeated exposure No information available.

Component Information

(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE (34004-36-9)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					In animals, effects have been reported on the following organs: Central nervous system

SODIUM CHLORIDE (7647-14-5)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Medical experience with sodium chloride has shown a strong association between elevated blood pressure and prolonged dietary overuse. Related effects could occur in the kidneys.

SODIUM ACETATE (127-09-3)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Based on available data, repeated exposures are not anticipated to cause significant adverse effects

Aspiration hazard Based on available data the classification criteria are not met.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment.

DEXTRAN HYDROXYPROPYLTRIMONIUM/LAUDIMONIUM CHLORIDE (83855-79-2)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Daphnia magna	NOEC	100 mg/L	48 hours	
	Daphnia magna	EC50	> 100 mg/L	48 hours	
	Raphidocelis subcapitata	EC10	0.0521 mg/L	72 hours	
	Raphidocelis subcapitata	EC50	0.319 mg/L	72 hours	

(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE (34004-36-9)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.	Brachydanio rerio	LC50	> 100 mg/L	96 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test or Equivalent.	Daphnia magna	EC50	707 mg/L	48 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test or Equivalent.	Desmodesmus subspicatus	ErC50	> 100 mg/L	72 hours	
	Pseudomonas putida	IC50	> 94.4 mg/L	17 hours	
	Daphnia magna	NOEC	5.34 mg/L	21 days	

SODIUM CHLORIDE (7647-14-5)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test	Lepomis macrochirus	LC50	5840 mg/L	96 hours	Harmless to aquatic organisms up to the tested concentration
OECD Test No. 203: Fish, Acute Toxicity Test	Pimephales promelas	LC50	10610 mg/L	96 hours	Harmless to aquatic organisms up to the tested concentration
OECD Test No. 203: Fish, Acute Toxicity Test	Daphnia magna	EC50	1900 mg/L	48 hours	Harmless to aquatic organisms up to the tested concentration
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test	Algae	EC50	2430 mg/L	120 hours	Harmless to aquatic organisms up to the tested concentration
OECD Test No. 209: Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)	activated sludge	IC50	> 1000 mg/L		Harmless to aquatic organisms up to the tested concentration
Chronic aquatic toxicity	Pimephales promelas	NOEC	252 mg/L	33 days	Harmless to aquatic organisms up to the tested concentration
Chronic aquatic toxicity	Daphnia pulex	NOEC	314 mg/L	21 days	Harmless to aquatic organisms up to the tested concentration

SODIUM ACETATE (127-09-3)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test	Brachydanio rerio	LC50	> 100 mg/L	96 hours	
OECD Test No. 202: Daphnia sp., Acute Immobilisation Test	Daphnia magna	EC50	> 1000 mg/L	48 hours	
ISO 10253	Skeletonema costatum	EC50	> 1000 mg/L	72 hours	
Bacteria toxicity		EC50	7200 mg/L	18 hours	

1-DODECANAMINIUM, N-(2,3DIHYDROXYPROPYL)N,N-DIMETHYL- (168010-47-7)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test	Brachydanio rerio	LC50	0.1 mg/L	96 hours	

OECD Test No. 211: Daphnia magna Reproduction Test or Equivalent.	Daphnia magna	EC50	0.468 mg/L	48 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test	Raphidocelis subcapitata	EC10	0.121 mg/L	72 hours	
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test	Raphidocelis subcapitata		0.413 mg/L	72 hours	
OECD Test No. 209: Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)	activated sludge	EC50	28.8 mg/L	3 hours	
	Brachydanio rerio	NOEC	0.01 mg/L	35 days	
	Daphnia magna	EC10	0.01 mg/L	21 days	

12.2. Persistence and degradability

Persistence and degradability No information available.

DEXTRAN HYDROXYPROPYLTRIMONIUM/LAUDIMONIUM CHLORIDE (83855-79-2)

Method	Exposure time	Value	Results
OECD Test No. 302B: Inherent Biodegradability: Zahn-Wellens/ EVPA Test	42 days	Biodegradation 70 %	Material has inherent, ultimate biodegradability with pre-adaptation according to OECD test (s) guidelines (reaches > 60 or 70% biodegradation in OECD test(s)).

(2,3-DIHYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE (34004-36-9)

Method	Exposure time	Value	Results
OECD Test No. 302B: Inherent Biodegradability: Zahn-Wellens/ EVPA Test or Equivalent.	7 days	Biodegradation 100 %	Material has inherent, ultimate biodegradability according to OECD test (s) guidelines (reaches > 60 or 70% biodegradation in OECD test(s)).
OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B) or Equivalent.	28 days	Biodegradation 51 %	Material has inherent, ultimate biodegradability according to OECD test (s) guidelines (reaches > 60 or 70% biodegradation in OECD test(s)).

SODIUM CHLORIDE (7647-14-5)

Method	Exposure time	Value	Results
			Not applicable Inorganic.

SODIUM ACETATE (127-09-3)

Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D) or Equivalent.	28 days	Biodegradation 79 %	Readily biodegradable Material has inherent, ultimate biodegradability according to

			OECD test (s) guidelines (reaches > 60 or 70% biodegradation in OECD test(s)).
OECD Test No. 302B: Inherent Biodegradability: Zahn-Wellens/ EVPA Test or Equivalent.	5 days	Biodegradation 100 %	Readily biodegradable Material has inherent, ultimate biodegradability according to OECD test (s) guidelines (reaches > 60 or 70% biodegradation in OECD test(s)).

1-DODECANAMINIUM, N-(2,3DIHYDROXYPROPYL)N,N-DIMETHYL- (168010-47-7)

Method	Exposure time	Value	Results
			Readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Chemical name	Partition coefficient
SODIUM ACETATE	-3.72

12.4. Mobility in soil

Mobility in soil Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
SODIUM CHLORIDE	The substance is not PBT / vPvB
SODIUM ACETATE	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (DEXTRAN HYDROXYPROPYLTRIMONIUM/LAUDIMONIUM CHLORIDE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environmental hazards	Yes

14.6 Special precautions for user

Special Provisions	A97, A158, A197
ERG Code	9L

IMDG

14.1 UN number or ID number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (DEXTRAN HYDROXYPROPYLTRIMONIUM/LAUDIMONIUM CHLORIDE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	274, 335, 969
EmS-No	F-A, S-F
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (DEXTRAN HYDROXYPROPYLTRIMONIUM/LAUDIMONIUM CHLORIDE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	274, 335, 375, 601
Classification code	M6

ADR

14.1 UN number or ID number	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (DEXTRAN HYDROXYPROPYLTRIMONIUM/LAUDIMONIUM CHLORIDE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environmental hazards	Yes
14.6 Special precautions for user	
Special Provisions	274, 335, 601, 375
Classification code	M6
Tunnel restriction code	(-)

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Authorisations and/or restrictions on use:**

This product contains one or more substances subject to restriction (UK REACH - Annex XVII).

This product does not contain substances subject to authorisation (UK REACH - Annex XIV).

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Dangerous substance category per COMAH Regulations 2015 (as amended)

E1 - Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

Named dangerous substances per COMAH Regulations 2015 (as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

Chemical name	The Biocidal Products Regulations 2001 (as amended)
SODIUM ACETATE - 127-09-3	Simplified procedure - Category A

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status
DSL/NDL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECI	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment**Chemical Safety Report**

No Chemical Safety Assessment has been carried out for this substance/mixture

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		
Revision Note ***Indicates updated data since last publication			

Classification procedure

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
 European Chemicals Agency (ECHA) (ECHA_API)
 Environmental Protection Agency
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 National Institute of Technology and Evaluation (NITE)
 Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
 Organisation for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

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This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)
 Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

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.

End of Safety Data Sheet