



Printing date 09.04.2018 Version number 2 Revision: 09.04.2018 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: QUITANET ULTRA · Article number / formula: N119 · 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. · Application of the substance / the preparation : dental product \cdot 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: SEPTODONT. 58 rue du Pont de Creteil 94100 Saint Maur des Fosses France *Téléphone:* +33(0)149767000 Fax: +33(0)148855401 msds@septodont.com http://www.septodont.com · 1.4 Emergency telephone number: France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59 Ireland - Tel: 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112 Belgique - Tel : 32 070/245 245 UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a lifethreatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647 **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 : GHS05 Eye Dam. 1 H318 Causes serious eye damage. GHS09 Aquatic Acute 1 H400 Very toxic to aquatic life. Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects. GHS07 Skin Irrit. 2 H315 Causes skin irritation. · 2.2 Label elements

• *Labelling according to Regulation (EC) No 1272/2008* The product is classified and labelled according to the CLP regulation.

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(Contd. of page 1) · Hazard pictograms GHS05 GHS09 · Signal word Danger · Hazard-determining components of labelling: Alkyl polyglycoléther C8-10 (OE) didecyldimethylammonium chloride AMINES,N-C12-14-ALKYLTRIMETHYLENEDI-D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13tetraazatetradecanediamidine (2:1) · Hazard statements H315 Causes skin irritation. H318 Causes serious eye damage. H410 Very toxic to aquatic life with long lasting effects. · Precautionary statements P102 Keep out of reach of children. P273 Avoid release to the environment. P280 Wear protective gloves. *Wear eye protection / face protection.* P280 P302+P352 IF ON SKIN: Wash with plenty of water. 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/doctor. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. · 2.3 Other hazards · Results of PBT and vPvB assessment • *PBT*: Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

• Description: Mixture: consisting of the following components.

	5-10%
📀 Eye Dam. 1, H318; 🕚 Acute Tox. 4, H302	
didecyldimethylammonium chloride	5-10%
🚯 Skin Corr. 1B, H314; 🚯 Acute Tox. 4, H302	
propan-2-ol	5-10%
📀 Flam. Liq. 2, H225; 🚸 Eye Irrit. 2, H319; STOT SE 3, H336	
• • • •	
x	
	didecyldimethylammonium chloride Skin Corr. IB, H314; ① Acute Tox. 4, H302



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≥5 - <15%

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AMINES,N-C12-14-ALKYLTRIMETHYLENEDI-	≤2.5%
5	-
D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12	- <i>≤1%</i>
diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	
2-0001 O Eye Dam. 1, H318; O Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10)	-
	 Acute Tox. 3, H301; STOT RE 1, H372; Skin Corr. 1B, H314; Aquatic Acute 1, H400 (M=100) D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12 diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) Eve Dam. 1, H318; Aquatic Acute 1, H400 (M=10);

cationic surfactants

• Additional information: For the wording of the listed risk phrases, refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

• General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

• After excessive inhalation:

In case of unconsciousness place patient in a stable laying down side position for transportation.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed :
- No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed :

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Suitable extinguishing agents:

- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 5.2 Special hazards arising from the substance or mixture : No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures : Not required.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water. Do not allow the product to enter sewers/ surface water or ground water.
6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

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• 6.4 Reference to other sections :

See Section 7 for information on safe handling. See Section 8 for information on personal protective equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling :

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

· Information about fire - and explosion protection: No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

• Requirements to be met by storerooms and receptacles: No special requirements.

· Information about storage in one common storage facility: Not required.

• Further information about storage conditions: None.

• 7.3 Specific end use(s) : No further relevant information available.

SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see section 7.

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:				
CAS: 67-63-0 propan-2-ol (5-10%)				
WEL (Great Britain) Short-term value: 1250 mg/m ³ , 50 Long-term value: 999 mg/m ³ , 400				
MAK (Switzerland) Short-term value: 1000 mg/m ³ , 400 ppm Long-term value: 500 mg/m ³ , 200 ppm B SSc;				
· DNELs				
CAS: 67-6	3-0 propa	1-2-ol		
Oral	DNEL Pu	blic long-term	systemic	26 mg/kg bw/d
Dermal	DNEL Pu	blic long-term	systemic	319 mg/kg bw/d
	DNEL We	orker long-tern	n systemic	888 mg/kg bw/d
Inhalative	DNEL Pu	blic long-term	systemic	89 mg/m ³
	DNEL Wa	orker long-tern	n systemic	500 mg/m ³
· PNECs				·
CAS: 67-6	3-0 propa	1-2-ol		
PNEC ora	l food		160 mg/kg	g
PNEC STR	D		2,251 mg/	/L
		140.9 mg/	/L	
PNEC aqua (intermittent releases) 140.9 mg		140.9 mg/	/L	
PNEC aqua (marine water) 140.9 mg		140.9 mg/	/L	
PNEC sediment (fresh water) 552 mg/k		552 mg/kg	g	
PNEC sediment (marine water) 552 m		552 mg/kg	g	
				(Contd. on page



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PNEC soil	28 mg/kg	
Ingredients with biolog	ical limit values:	
CAS: 67-63-0 propan-	<i>c-ol (5-10%)</i>	
BAT (Switzerland) 25	ng/l	
	lium: U	
	pling time: b	
Pa	ameter: Aceton	
25	ng/l	
	lium: B	
	pling time: b	
	ameter: Aceton	
Additional information	•	
	lists have been used as a basis for th	e production of this document.
8.2 Exposure controls		1 5
<i>Personal protective eq</i>	inment:	
General protective and		
Keep away from food,		
Immediately remove al	soiled and contaminated clothing	
	aks and at the end of work.	
Avoid all contact with		
Avoid contact with the		
Respiratory protection	Not required.	
Protection of hands:		
Protective g	loves	
Gloves material : Buty Eye protection:	rubber, BR	
Tightly seal	ed goggles	
SECTION 9: Phys	cal and chemical properties	
9.1 Information on ba	ic physical and chemical properties	
General Information	e projetent and enternetic properties	
Appearance:		
Form:	Liquid	
Colour:	Blue	
Odour:	Characteristic	
Odour threshold:	Not determined.	
	7	
pH-value:	/	
-	/	
pH-value: Change in condition Melting point/freezii		

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Initial boiling point and boiling range:	Undetermined.	
Flash point:	60-93 °C	
Flammability (solid, gas):	Not applicable.	
Ignition temperature:	425 °C	
Decomposition temperature:	Not determined.	
Auto-ignition temperature:	Product is not self igniting.	
Explosive properties:	Product does not present an explosion hazard.	
Explosion limits: Lower: Upper:	Not determined. Not determined.	
Vapour pressure:	ressure: Not determined.	
Density at 20 °C: Relative density : Vapour density : Evaporation rate :	1 g/cm ³ Not determined. Not determined. Not determined.	
Solubility in / Miscibility with water: Fully miscible.		
Segregation coefficient (n-octanol/water)	: Not determined.	
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.	
9.2 Other information :	No further relevant information available.	

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions : No dangerous reactions known.
- 10.4 Conditions to avoid : No further relevant information available.
- \cdot 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

• Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50	· LD/LC50 values relevant for classification:				
CAS: 710	CAS: 71060-57-6 Alkyl polyglycoléther C8-10 (OE)				
Oral	LD50	500 mg/kg (ATE)			
CAS: 717	3-51-5 dia	lecyldimethylammonium chloride			
Oral	LD50	410 mg/kg (rat)			
Dermal	LD50	1,625 mg/kg (rat)			
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CAS: 67-6	3-0 propa	n-2-ol
Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)
CAS: 9064	40-43-0 AN	IINES,N-C12-14-ALKYLTRIMETHYLENEDI-
Oral	LD50	100 mg/kg (ATE)
CAS: 1847		gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13- raazatetradecanediamidine (2:1)
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Primary ir On the ski	00	ct:
Causes ski		L.
On the eye		
Causes ser	•	0
		ensitization Based on available data, the classification criteria are not met.
		ogenicity, mutagenicity and toxicity for reproduction)
	0	ity Based on available data, the classification criteria are not met.
-	-	ed on available data, the classification criteria are not met.
		Based on available data, the classification criteria are not met.
0	· •	re 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.

SECTION 12: Ecological information

•	12.1	Toxicity
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· Aquatic toxicity:

CAS: 67-63-0 propan-2-ol

LC50 48h 8,970 mg/l (fish)

EC50 72*h* >1,000 mg/l (Algae)

CAS: 18472-51-0 D-gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13tetraazatetradecanediamidine (2:1)

LC50 96h 2.08 mg/l (fish)

EC50 72h 0.081 mg/l (Algae)

EC50 48h 0.087 mg/l (Crustaceans)

• 12.2 Persistence and degradability : No further relevant information available.

· 12.3 Bioaccumulative potential : No further relevant information available.

· 12.4 Mobility in soil : No further relevant information available.

· Ecotoxical effects:

• *Remark:* Very toxic for fish

· Additional ecological information:

· General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

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- · 12.5 Results of PBT and vPvB assessment
- *PBT:* Not applicable.
- · vPvB: Not applicable.
- 12.6 Other adverse effects : No further relevant information available.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation :



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

Laropean	Laropean wasie caulogae				
18 00 00	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE)				
18 01 00	wastes from natal care, diagnosis, treatment or prevention of disease in humans				
18 01 06*	chemicals consisting of or containing hazardous substances				
HP 5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity				
HP 8	Corrosive				
HP 14	Ecotoxic				

• Uncleaned packaging:

- **Recommendation:** Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

· 14.1 UN-Number · ADR, IMDG, IATA	UN3082
· 14.2 UN proper shipping name · ADR · IMDG	UN3082 ENVIRONMENTALLY HAZARDOU SUBSTANCE, LIQUID, N.O.S. (AMINES,N-C12-14 ALKYLTRIMETHYLENEDI-, didecyldimethylammoniu chloride, Alkyl polyglycoléther C8-10 (OE)) ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (AMINES, N-C12-14 ALKYLTRIMETHYLENEDI-, didecyldimethylammoniu
·IATA	chloride, Alkyl polyglycoléther C8-10 (OE), D-gluconi acid, compound with N,N''-bis(4-chlorophenyl)-3,12 diimino-2,4,11,13-tetraazatetradecanediamidine (2:1) MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (AMINES, N-C12-14 ALKYLTRIMETHYLENEDI-, didecyldimethylammonium chloride, Alkyl polyglycoléther C8-10 (OE))



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· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml
· UN ''Model Regulation'':	Maximum net quantity per outer packaging: 1000 ml UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AMINES,N-C12-14- A L K Y L T R I M E T H Y L E N E D I - ,
	DIDECYLDIMETHYLAMMONIUM CHLORIDE, ALKYI POLYGLYCOLÉTHER C8-10 (OE)), 9, III

SECTION 15: Regulatory information

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

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category E1 Hazardous to the Aquatic Environment
- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40

· Regulation (EU) No 649/2012

CAS: 7173-51-5 didecyldimethylammonium chloride

Annex I Part 1

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

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.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
Classification according to Regulation (EC) No 1272/2008

· Classification according to Regulation (EC) No 1272/2008				
Skin corrosion/irritation	Expert judgement			
Hazardous to the aquatic environment - long-term (chronic) aquatic hazard				
Serious eye damage/eye irritation	The classification of the mixture is generally based on			
Hazardous to the aquatic environment - short-term (acute) aquatic hazard	the calculation method using substance data according to Regulation (EC) No 1272/2008.			
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(Contd. of page 10) · Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2 Acute Tox. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Corr. 1B: Skin corrosion/irritation - Category 1B Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1