



# DEC-QUAT 200C (Use-Dilution)

## Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Date of issue: 29/11/2018 Revision date: 16/01/2024 Supersedes: 06/01/2020 Version: 1.2

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : DEC-QUAT 200C (Use-Dilution)  
Product code : SDS VEL-140-EU

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Disinfectant  
Cleaning agent  
For manufacturing and industrial use only

##### 1.2.2. Uses advised against

Restrictions on use : Product for industrial use only

#### 1.3. Details of the supplier of the safety data sheet

Veltek Associates, Inc.  
15 Lee Blvd  
Malvern, PA 19355-1234 USA  
Telephone: +1 610-644-8335 - Fax: +1 610-644-8336  
E-mail: vai@sterile.com

Veltek Associates Inc., Branch Office Europe  
PO Box 1062, 8200 BB Lelystad, Netherlands  
Customer service (USA): +800 00888700

Veltek Associates UK Limited  
5 Aldermanbury Square, 13th Floor,  
London, UK  
Customer service (USA): +800 00888700

India distributor:  
Tansha  
A-17, Wadala Shriram, Industrial Estate  
G. D. Ambekar Marg  
Wadala, Mumbai- 400 031 India  
Telephone: +91 22-43560400

#### 1.4. Emergency telephone number

Emergency number : For Spill/Exposure Emergency Response Service in Europe in English (and 23 other European languages) (24 hours): +44 (0)1235 239 670  
For Middle East/Africa (24 hours): +44 (0)1235 239 671  
For Hindi (24 hours): 000 800 100 7479  
For East/South East Asia: +65 3158 1074

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

No labelling applicable

#### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Didecyldimethylammonium chloride (7173-51-5) <sup>(1)</sup> , Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3) <sup>(1)</sup> , Ethanol (64-17-5) <sup>(1)</sup>
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Didecyldimethylammonium chloride (7173-51-5) <sup>(1)</sup> , Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3) <sup>(1)</sup> , Ethanol (64-17-5) <sup>(1)</sup>

<sup>(1)</sup> Substance(s) added in concentration  $<0.1\%$  on voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	Didecyldimethylammonium chloride (7173-51-5) <sup>(1)</sup> , Ethanol (64-17-5) <sup>(1)</sup> , Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3) <sup>(1)</sup>

<sup>(1)</sup> Substance(s) added in concentration  $<0.1\%$  on voluntary basis

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Didecyldimethylammonium chloride	CAS-No.: 7173-51-5 EC No.: 230-525-2 EC index No.: 612-131-00-6	$< 0.1$	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411 EUH071

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.: 64-17-5 EC No.: 200-578-6 EC index No.: 603-002-00-5	< 0.1	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Alcohols, C9-11, branched and linear, ethoxylated	CAS-No.: 68439-46-3 EC No.: 500-446-0	< 0.1	Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Not an expected route of exposure.
First-aid measures after skin contact	: Take off contaminated clothing. Rinse skin with water/shower. If symptoms develop, obtain medical attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. If symptoms develop, obtain medical attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Give 100 - 200 ml of water to drink. If symptoms develop, obtain medical attention.

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

Symptoms/effects after skin contact	: May cause slight irritation to the skin.
Symptoms/effects after eye contact	: May cause slight irritation to eyes.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Not flammable.
Hazardous decomposition products in case of fire	: None known.

### 5.3. Advice for firefighters

Firefighting instructions	: Use water for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus when in close proximity to fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid all unnecessary exposure.
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#### 6.1.1. For non-emergency personnel

Emergency procedures	: Avoid contact with skin and eyes. Evacuate unnecessary personnel.
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### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Use chemically protective clothing.  
Emergency procedures : Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Dike far ahead of liquid spill for later disposal. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Store away from other materials.

### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes.  
Hygiene measures : Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.  
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Incompatible materials. Keep container tightly closed. Protect material from direct sunlight.  
Incompatible materials : Strong acids. Strong alkalis. Strong oxidising agents.

### 7.3. Specific end use(s)

Disinfectant. Cleaning agent. For manufacturing and industrial use only.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Ethanol (64-17-5)	
Ireland - Occupational Exposure Limits	
Local name	Ethanol [Ethyl alcohol]
OEL STEL	1000 ppm
Regulatory reference	Chemical Agents Code of Practice 2021
United Kingdom - Occupational Exposure Limits	
Local name	Ethanol
WEL TWA (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### 8.1.2. Recommended monitoring procedures

No additional information available

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### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Provide adequate ventilation.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses. Standard EN 166 - Personal eye-protection.

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Not required for normal conditions of use

##### Hand protection:

Not required for normal conditions of use

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Not required for normal conditions of use

#### 8.2.2.4. Thermal hazards

##### Thermal hazard protection:

Not required for normal conditions of use.

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Appearance	: Clear.
Odour	: Slight. Organic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: ≈ 0 °C
Boiling point	: ≈ 100 °C
Flammability (solid, gas)	: Not applicable
Explosive properties	: Not explosive.
Oxidising properties	: Not oxidising.
Lower explosion limit	: Not available
Upper explosion limit	: Not available

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Flash point	: Not flammable
Auto-ignition temperature	: Not flammable
Decomposition temperature	: Not available
pH	: 6 – 8
Viscosity, kinematic	: Not available
Solubility	: Water: Miscible
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: ≈ 1 g/cm <sup>3</sup>
Relative density	: ≈ 1 (Water = 1)
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under recommended handling and storage conditions (see section 7).

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Extremely high or low temperatures. Keep out of direct sunlight. Freezing.

### 10.5. Incompatible materials

Strong oxidising agents. Strong alkalis. Strong acids.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: Based on available data, the classification criteria are not met

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LD50 oral, rat	> 5000 ml/kg
LD50 dermal, rabbit	> 2000 mg/kg bodyweight

### Didecyldimethylammonium chloride (7173-51-5)

LD50 oral, rat	≈ 329 mg/kg bodyweight (OECD 401 method)
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### Didecyldimethylammonium chloride (7173-51-5)

LD50 dermal, rabbit	> 1000 mg/kg bodyweight (OECD 402 method)
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### Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3)

LD50 oral, rat	3488 mg/kg (female)(Read-across)
LD50 dermal, rabbit	> 2000 mg/kg (male)(Read-across)
LC50 inhalation, rat (mg/l)	> 1.6 mg/l - 4 Hours (Read-across)

### Ethanol (64-17-5)

LD50 oral, rat	10470 mg/kg
LC50 inhalation, rat (mg/l)	116.9 mg/l

Skin corrosion/irritation	: Not classified pH: 6 – 8
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Not classified pH: 6 – 8
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met

### Ethanol (64-17-5)

IARC group	1 - Carcinogenic to humans,(Ethanol in alcoholic beverages)
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Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

Potential adverse human health effects and symptoms	: May cause slight irritation to the skin,May cause slight irritation to eyes
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## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### Didecyldimethylammonium chloride (7173-51-5)

LC50 fish	≈ 0.49 mg/l - 96 Hours (Danio rerio), (OECD 203 method)
EC50 Daphnia	≈ 0.029 mg/l - 48 Hours (Daphnia magna, Mobility), (OECD 202 method)

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<b>Didecyldimethylammonium chloride (7173-51-5)</b>	
ErC50 algae	≈ 0.062 mg/l - 72 Hours (Pseudokirchneriella subcapitata), (OECD 201 method)
NOEC chronic crustacea	≈ 0.021 mg/l - 21 days (Daphnia magna, reproduction), (OECD 211 method)
NOEC, algae	≈ 0.013 mg/l (72 Hours, Pseudokirchneriella subcapitata, Growth rate (OECD 201 method))
<b>Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3)</b>	
LC50 fish	6.28 mg/l - 96 Hours (Oncorhynchus mykiss)
EC50 Daphnia	2.5 mg/l - 48 Hours (Daphnia magna, Mobility)
<b>Ethanol (64-17-5)</b>	
LC50 fish	11200 mg/l (calculated value)
LC50 other aquatic organisms	4432 mg/l - 7 days (Lemna gibba)
EC50 Daphnia	5012 mg/l (calculated value) (freshwater)
EC50 - Crustacea [2]	857 mg/l (calculated value) (marine water)
EC50 72h - Algae [1]	275 mg/l - 72 Hours (Chlorella vulgaris)
NOEC (chronic)	280 mg/l - 7 days (Lemna gibba)
NOEC chronic fish	250 mg/l - 120 Hours (Danio rerio)
NOEC chronic crustacea	9.6 mg/l - 10 days (Ceriodaphnia dubia, reproduction)
NOEC chronic algae	11.5 mg/l - 72 Hours (Chlorella vulgaris)

### 12.2. Persistence and degradability

<b>DEC-QUAT 200C (Use-Dilution)</b>	
Persistence and degradability	Not established.
<b>Didecyldimethylammonium chloride (7173-51-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	≈ 69 % - 28 days (Activated sludge), (OECD 301D method)
<b>Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3)</b>	
Persistence and degradability	Readily biodegradable.
<b>Ethanol (64-17-5)</b>	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

<b>Didecyldimethylammonium chloride (7173-51-5)</b>	
Log Pow	≈ 2.59 (20 °C, pH ≈ 7), (OECD 105 method)
Bioaccumulative potential	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
<b>Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3)</b>	
Log Pow	3.74 (25 °C)
Bioaccumulative potential	Not expected to bioaccumulate.
<b>Ethanol (64-17-5)</b>	
Log Pow	-0.35 (20 °C)



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### Ethanol (64-17-5)

Bioaccumulative potential : Low bioaccumulation potential.

### 12.4. Mobility in soil

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Mobility in soil : Miscible with water

#### Didecyldimethylammonium chloride (7173-51-5)

Organic Carbon Normalized Adsorption Coefficient (Log Koc) : 5.75 (20 °C), (OECD 106 method)

Ecology - soil : Expected to adsorb to soil. Low mobility (soil).

#### Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3)

Ecology - soil : Adsorbs into the soil moderately.

### 12.5. Results of PBT and vPvB assessment

#### Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII : Didecyldimethylammonium chloride (7173-51-5)<sup>(1)</sup>, Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3)<sup>(1)</sup>, Ethanol (64-17-5)<sup>(1)</sup>

Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII : Didecyldimethylammonium chloride (7173-51-5)<sup>(1)</sup>, Alcohols, C9-11, branched and linear, ethoxylated (68439-46-3)<sup>(1)</sup>, Ethanol (64-17-5)<sup>(1)</sup>

<sup>(1)</sup> Substance(s) added in concentration <0.1% on voluntary basis

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR: NOT SUBJECT

IMDG: NOT SUBJECT

IATA: NOT SUBJECT

ADN: NOT SUBJECT

RID:

### 14.1. UN number or ID number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name : Not applicable

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Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: Not applicable
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#### IMDG

Transport hazard class(es) (IMDG)	: Not applicable
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#### IATA

Transport hazard class(es) (IATA)	: Not applicable
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#### ADN

Transport hazard class(es) (ADN)	: Not applicable
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#### RID

Transport hazard class(es) (RID)	: Not applicable
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### 14.4. Packing group

Packing group	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

### 14.6. Special precautions for user

Special transport precautions	: DO NOT TRANSPORT - This dilution of product is an on-site dilution in water by the user according to product label directions. It is not supplied nor transported in commerce at this dilution, Details of this transport classification have not been provided, as the diluted form of this product shall not be transported, For transport and hazards of the undiluted product concentrate before mixing, see SDS VEL-110-EU.
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#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

###### REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3.	Alcohols, C9-11, branched and linear, ethoxylated ; Ethanol	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008
3(a)	Ethanol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	Alcohols, C9-11, branched and linear, ethoxylated ; Ethanol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
40.	Ethanol	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

###### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

###### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

###### PIC Regulation (Prior Informed Consent)

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Didecyldimethylammonium chloride (7173-51-5)

###### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

###### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

###### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

###### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

###### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
1	Identification of the substance/mixture and of the company/undertaking	Modified	
3	Composition/information on ingredients	Modified	
4	First aid measures	Modified	
5	Fire fighting measures	Modified	
6	Accidental release measures	Modified	
7	Handling and storage	Modified	
8	Exposure controls/personal protection	Modified	
9	Physical and chemical properties	Modified	
11	Toxicological information	Modified	
12.	Ecological information	Modified	
13	Disposal considerations	Modified	
14	Transport information	Modified	
15	Regulatory information	Modified	

### Abbreviations and acronyms:

	ADR (Accord relatif au transport international des marchandises dangereuses par route)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	CLP (Classification, Labeling and Packaging)
	DNEL (Derived No Effect Level)
	EC (European Community)
	EC50 (Effective Concentration 50%)
	EN (European Norm)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	MAC (Maximal Allowed Concentration)
	OECD (Organisation for Economic Co-operation and Development)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	REACH (Registration, Evaluation and Authorisation of CHemicals)
	RID (Règlement concernant le transport international ferroviaire de marchandises)
	STEL (Short Term Exposure Limit)

# DEC-QUAT 200C (Use-Dilution)

## Safety Data Sheet

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

### Abbreviations and acronyms:

	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. ECHA (European Chemicals Agency), <a href="http://echa.europa.eu/">http://echa.europa.eu/</a> .
Other information	: This document applies to the use dilution of this product after mixing according to label directions. For transport and hazards of the undiluted product concentrate before mixing, see SDS VEL-110-EU. Classification procedure according to Regulation (EC) No. 1272/2008 [CLP]: Physical hazards: On basis of test data. Health hazards: On basis of test data & Calculation method. Environmental hazards: On basis of test data & Calculation method.

### Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
EUH071	Corrosive to the respiratory tract.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B

### Safety Data Sheet (SDS), EU

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This SDS has been translated into the official language of the country/region in which the product is to be placed on the market. Where no official translation exists, the regulatory text is reported in English, as it appears in the relevant regulatory text.