

Trade name: OtoVita OtoVita Cleaning Tissues

Substance number: 71201 Version: 1 / GB Date revised: 31.07.2023

> Replaces Version: - / GB Print date: 31.07.2023

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

1.1. Product identifier

OtoVita OtoVita Cleaning Tissues

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

Use of the substance/preparation

Disinfectant of earmolds

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Dreve Otoplastik GmbH Max-Planck-Straße 31

59423 Unna

Telephone no. +49 2303 8807-0 Fax no. +49 2303 8807-29

by / telephone

Information provided Department Research & Development: Fax: +49 2303 8807-562

E-mail address of person responsible

for this SDS

1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

sicherheitsdatenblatt@dreve.de

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501.1 Dispose of contents/container to industrial incineration plant.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product



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does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients

Didecyldimethylammonium chloride

CAS No. 7173-51-5 EINECS no. 230-525-2

Registration no. 01-2119945987-15

Concentration >= 0,1 < 1 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 3 H301 Skin Corr. 1B H314 Aquatic Acute 1 H400 Aquatic Chronic 2 H411

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 H400 M = 10

ATE oral 238 mg/kg

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

CAS No. 2372-82-9 EINECS no. 219-145-8

Registration no. 01-2119980592-29

Concentration >= 0,1 < 0,25 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 3 H301 Skin Corr. 1B H314

STOT RE 2 H373 Route of exposure: oral

Aquatic Acute 1 H400 Aquatic Chronic 1 H410

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1 M = 10 Aquatic Chronic M = 10 M = 1

1

ATE oral 261 mg/kg

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

CAS No. 98246-84-5 EINECS no. 308-757-1

Registration no. 01-2120761537-47

Concentration >= 0,1 < 0,25 %

Classification (Regulation (EC) No. 1272/2008)

Skin Corr. 1C H314
Eye Dam. 1 H318
Aquatic Acute 1 H400
Aquatic Chronic 1 H410
Acute Tox. 4 H302

Other information

According Regulation on detergents (EC) No 648/2004 following substances shall be listed: non-ionic



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surfactants, perfumes: < 5,0%

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Do not induce vomiting. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO2, powders, water spray/mist, Extinguishing measures to suit surroundings

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up



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Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

Derived No/Minimal Effect Levels (DNEL/DMEL)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure dermal

Mode of action Systemic effects

Concentration 0,91 mg/kg

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure inhalative
Mode of action Systemic effects

Concentration 2,35 mg/m³

Type of value Derived No Effect Level (DNEL)

Reference group Consumer Route of exposure dermal

Concentration 0,54 mg/kg

Type of value Derived No Effect Level (DNEL)



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Reference group

Duration of exposure

Route of exposure

Mode of action

Consumer

Long term

inhalative

Systemic effects

Concentration 0,7 mg/m³

Type of value Derived No Effect Level (DNEL)

Reference group Consumer

Concentration 0,2 mg/kg

Didecyldimethylammonium chloride

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure inhalative
Mode of action Systemic effects

Concentration 5,39 mg/m³

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Acute
Route of exposure inhalative
Mode of action Systemic effects

Concentration 5,39 mg/m³

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Long term
Route of exposure dermal

Mode of action Systemic effects

Concentration 1,55 mg/kg

Type of value Derived No Effect Level (DNEL)

Reference group Worker
Duration of exposure Acute
Route of exposure dermal

Mode of action Systemic effects

Concentration 1,55 mg/kg

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Type of value Derived No Effect Level (DNEL)

Reference group

Duration of exposure

Route of exposure

Mode of action

Concentration

Worker

Long term

inhalative

Systemic effects

Concentration 0,88 mg/m³

Type of value Derived No Effect Level (DNEL)

Reference group Worker

Duration of exposure Long term

Route of exposure dermal

Mode of action Systemic effects

Concentration 1 mg/kg

Predicted No Effect Concentration (PNEC)



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N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Type of value PNEC
Type Freshwater

Concentration 0,001 mg/l

Type of value PNEC Type Soil

Concentration 45,34 mg/kg

Type of value PNEC

Type Marine sediment

Concentration 0,85 mg/kg

Type of value PNEC

Type Freshwater sediment

Concentration 8,5 mg/kg

Type of value PNEC

Type Sewage treatment plant (STP)

Concentration 1,33 mg/l

Type of value PNEC

Type Water (intermittent release)

Concentration 0 mg/l

Type of value PNEC
Type Marine

Concentration 0 mg/l

Didecyldimethylammonium chloride

Type of value PNEC
Type Freshwater
Concentration 0.002

Concentration 0,002 mg/l

Type of value PNEC Type Marine

Concentration 0,0002 mg/l

Type of value PNEC

Type Freshwater sediment

Concentration 2,82 mg/kg

Type of value PNEC

Type Marine sediment

Concentration 0,28 mg/kg

Type of value PNEC

Type Sewage treatment plant (STP)

Concentration 0,595 mg/l

Type of value PNEC Type Soil

Concentration 1,4 mg/kg

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Type of value PNEC



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Type Freshwater

Concentration 0,0004 mg/l

Type of value PNEC
Type Saltwater

Concentration 0,00004 mg/l

Type of value PNEC

Type Sewage treatment plant (STP)

Concentration 1 mg/l

Type of value PNEC
Type Sediment

Concentration 10 mg/kg

Type of value PNEC

Type Marine sediment

Concentration 1 mg/kg

Type of value PNEC Type Soil

Concentration 3,7 mg/kg

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours.

Hand protection

Not necessary.

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid on inert carrier material

ColourcolourlessOdourfruity

Melting point

Remarks not determined

Freezing point

Remarks not determined

Boiling point or initial boiling point and boiling range

Value 100 °C

Flammability

evaluation not determined



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Upper and lower explosive limits

Remarks not determined

Flash point

Remarks Not applicable

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Value 9,34

Temperature 20 °C

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Value 1,0 g/cm³

Temperature 20 °C

Relative vapour density

Remarks not determined

9.2. Other information

Odour threshold

Remarks not determined

Evaporation rate (ether = 1):

Remarks not determined

Solubility in water

Remarks Completely miscible

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

No hazardous reactions known.



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10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

SECTION 11: Toxicological information

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

Acute oral toxicity

ATE > 10.000 mg/kg Method calculated value (Regulation (EC) No. 1272/2008)

Acute oral toxicity (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species rat

LD50 261 mg/kg

Method OECD 401

Didecyldimethylammonium chloride

Species rat

LD50 238 mg/kg

Method OECD 401

Source Manufacturer's data

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species rat

LD50 500 to 2000 mg/kg

Method OECD 401

Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)

Didecyldimethylammonium chloride

Species rabbit

LD50 > 3342 mg/kg

Source Manufacturer's data

Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species rabbit evaluation corrosive Method OECD 404

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species Human evaluation corrosive



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Didecyldimethylammonium chloride

Species rabbit evaluation corrosive Method OECD 404

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species rabbit evaluation corrosive Method OECD 404

Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

Serious eye damage/irritation (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

evaluation corrosive

Didecyldimethylammonium chloride
Species rabbit
evaluation corrosive

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species rabbit

evaluation strongly irritant Method OECD 405

Sensitization

Remarks Based on available data, the classification criteria are not met.

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)

Single exposure

Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Repeated exposure

evaluation May cause damage to organs through prolonged or repeated exposure

Route of exposure oral

Species rat

NOAEL 4 mg/kg

Aspiration hazard

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

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to



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humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity

General information

not determined

Fish toxicity (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species zebra fish (Brachydanio rerio)

LC50 0,431 mg/l

Method OECD 203

Didecyldimethylammonium chloride

LC50 0,49 mg/l

Duration of exposure 96 h

Method OECD 203

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species Zebrabaerbling

LC50 0,707 mg/l

Duration of exposure 96 h

Method OECD 203

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species Zebrabaerbling

NOEC 0,125 mg/l

Duration of exposure 9 d

Method OECD 212

Daphnia toxicity (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species Daphnia magna

EC50 0,077 mg/l

Duration of exposure 48 h

Method OECD 202

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species Daphnia magna

NOEC 0,024 mg/l

Duration of exposure 21 Method OECD 211

Didecyldimethylammonium chloride

LC50 0,029 mg/l

Duration of exposure 48 h

Method OECD 211

Didecyldimethylammonium chloride

NOEC 0,021 mg/l

Method OECD 211

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species Daphnia magna

EC50 0,058 mg/l

Duration of exposure 48 h

d



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Method OECD 202

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species Daphnia magna

NOEC 0,025 mg/l

Duration of exposure 21 d

Algae toxicity (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species Scenedesmus subspicatus

EC10 0,012 mg/l

Duration of exposure 72 h

Method OECD 201

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species Pseudokirchneriella subcapitata

ErC50 0,015 mg/l

Duration of exposure 72 h

Method OECD 201

Didecyldimethylammonium chloride

Species Pseudokirchneriella subcapitata

EC50 0,062 mg/l

Duration of exposure 72 h

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species Scenedesmus subspicatus

EC50 0,0197 mg/l

Duration of exposure 72 h

Method OECD 201

Bacteria toxicity (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Species activated sludge

EC50 18 mg/l

Duration of exposure 3 h

Method OECD 209

Didecyldimethylammonium chloride

Species activated sludge

NOEC 5,95 mg/l

Method OECD 209

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

Species activated sludge

EC50 28.4 mg/l

Method OECD 209

12.2. Persistence and degradability

General information

not determined

Ready degradability (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Value 79 %

Duration of test 28 d Method Sewage water systeme

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Value 68 %

Duration of test 28 d

Didecyldimethylammonium chloride



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12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

log Pow 4,46

Guanidine, N,N"'-1,3-Propanediylbis-, N-cocos alkyl derivates

log Pow 3,6

Temperature 20 °C

Method Regulation (EC) No. 440/2008, Annex, A.8

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the envrionment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Must not be disposed together with household garbage.

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information



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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)		-	-
Label			
14.4. Packing group		-	-

SECTION 15: Regulatory information

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 3 H412 Calculation method

Hazard statements listed in Chapter 2/3

H301	Toxic if swallowed.	
H302	Harmful if swallowed.	

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H373 May cause damage to organs through prolonged or repeated exposure.

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.

CLP categories listed in Chapter 2/3

Acute Tox. 3 Acute toxicity, Category 3
Acute Tox. 4 Acute toxicity, Category 4

Aquatic Acute 1 Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1 Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3 Hazardous to the aquatic environment, chronic, Category 3

Eye Dam. 1 Serious eye damage, Category 1
Skin Corr. 1B Skin corrosion, Category 1B
Skin Corr. 1C Skin corrosion, Category 1C

STOT RE 2 Specific target organ toxicity - repeated exposure, Category 2

Supplemental information



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Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.