

Trade name: Oxynex 2004 Merck

Substance number: 066830

Version: 4 / CH

Date revised: 07.02.2023

Replaces Version: 3 / CH

Print date: 07.02.23

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

1.1. Product identifier

Oxynex 2004 Merck

Item No. 06683000

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

Use of the substance/preparation

Antioxidant, active substances for cosmetic products

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

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

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

Eye Irrit. 2 H319

Aquatic Chronic 2 H411

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 pictograms ***



Signal word ***

Warning

Hazard statements ***

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements ***

P264.1 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P501.3 Disposal in compliance with local and national regulations.

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 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 ***

2,6-Di-tert-butyl-p-cresol

CAS No.	128-37-0			
EINECS no.	204-881-4			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)	Aquatic Chronic 1		H410	

Concentration limits (Regulation (EC) No. 1272/2008)
 Aquatic Chronic M = 1
 1

6-O-palmitoylascorbic acid

CAS No.	137-66-6			
EINECS no.	205-305-4			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2		H319	

Citric acid, anhydrous

CAS No.	77-92-9			
EINECS no.	201-069-1			
Concentration	>= 1	<	10	%
Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2		H319	

Further ingredients ***

Propane-1,2-diol

CAS No.	57-55-6			
EINECS no.	200-338-0			
Registration no.	01-2119456809-23			
Concentration		>=	50	%
Advice: [4]				

Stearic acid, monoester with glycerol

CAS No.	31566-31-1			
EINECS no.	250-705-4			
Concentration	>= 10	<	25	%
Advice: [4]				

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Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air.

After skin contact

Wash immediately with plenty of water for several minutes. Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water, Carbon dioxide, Foam, Dry powder

Non suitable extinguishing media

not applicable

5.2. Special hazards arising from the substance or mixture

The product is combustible. In case of combustion evolution of dangerous gases possible. Forms explosive mixture with air are possible. Vapours heavier than air.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Do not discharge into surface waters/groundwater. Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Do not inhale vapours. Keep away from sources of ignition - No smoking. Keep away unprotected persons.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

For small amounts: take up with appropriate instrument and dispose. Dampen, pick up mechanically and dispose of. Clean up affected area.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

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Advice on safe handling

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. Take action to prevent static discharges.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	11/13	Other solid hazardous substances with classification/labelling hazardous

Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection *****8.1. Control parameters****Exposure limit values *******2,6-Di-tert-butyl-p-cresol**

List	SUVA	
Type	MAK	
Value	10	mg/m ³
Short term exposure limit	40	mg/m ³
Pregnancy group: S; Remarks: SSc; KG, Leber		

Derived No/Minimal Effect Levels (DNEL/DMEL)**2,6-Di-tert-butyl-p-cresol**

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	3.5	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	0.5	mg/kg

Propane-1,2-diol

Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	50	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	

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Route of exposure	inhalative	
Concentration	168	mg/m ³

Predicted No Effect Concentration (PNEC)

Citric acid, anhydrous

Type of value	PNEC	
Type	Freshwater	
Concentration	0.44	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0.044	mg/l
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	1000	mg/l
Type of value	PNEC	
Type	Sediment	
Concentration	34.6	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	3.46	mg/kg
Type of value	PNEC	
Type	Soil	
Concentration	33.1	mg/kg

2,6-Di-tert-butyl-p-cresol

Type of value	PNEC	
Type	Freshwater	
Concentration	0.199	µg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0.0199	µg/l
Type of value	PNEC	
Type	Water	
Conditions	Intermittend	
Concentration	1.99	µg/l
Type of value	PNEC	
Type	Sediment	
Concentration	0.0996	mg/kg
Type of value	PNEC	
Type	Marine sediment	
Concentration	0.0096	mg/kg
Type of value	PNEC	
Type	Soil	
Concentration	0.04769	mg/kg

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Propane-1,2-diol

Type of value	PNEC		
Type	Soil		
Concentration	50		mg/kg
Type of value	PNEC		
Type	Saltwater		
Concentration	26		mg/l
Type of value	PNEC		
Type	Sewage treatment plant (STP)		
Concentration	20000		mg/l
Type of value	PNEC		
Type	Freshwater		
Concentration	260		mg/l
Type of value	PNEC		
Type	Marine sediment		
Concentration	57.2		mg/kg
Type of value	PNEC		
Type	Freshwater sediment		
Concentration	572		mg/kg

8.2. Exposure controls**General protective and hygiene measures**

Wash contaminated clothing before reuse. Preventative skin protection. Wash hands and face after work.

Respiratory protection

Use breathing apparatus in dust/fumes/mist-laden atmosphere. Particle filter P1

Hand protection ***

Appropriate Material nitrile rubber - NBR
 Material thickness 0.11 mm
 Breakthrough time > 480 min
 Hand protection must comply with EN 374.

Eye protection

necessary

Environmental exposure controls

Do not allow to enter drains or water courses.

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

Physical state	Paste
Colour	white
Odour	characteristic
Melting point	
Value	40 to 50 °C
Boiling point or initial boiling point and boiling range	
Remarks	No data available

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Upper and lower explosive limits

Remarks Not applicable

Flash point

Value appr. 90 °C

Viscosity

Remarks No data available

Density and/or relative densityValue appr. 1.03 g/cm³

Temperature 20 °C

9.2. Other information**Solubility in water**

Temperature 20 °C

Remarks partly soluble

Explosive properties

evaluation no

Oxidising properties

Remarks Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

Incompatible with acid chlorides and acid anhydrides. Strong oxidising agents

10.2. Chemical stability

Sensitive to moisture.

10.3. Possibility of hazardous reactions

When exposed to high temperatures may produce hazardous decomposition products. Keep away from sources of heat and ignition.

10.4. Conditions to avoid

Protect from heat/overheating. Can react violent with oxygen rich (fire expediting) material. Risk of explosion. Keep away from sources of heat and ignition.

10.5. Incompatible materials

Strong oxidising agents, Incompatible with acid chlorides and acid anhydrides.

10.6. Hazardous decomposition products

No data available.

Other information

Explosible with air in a vaporous/gaseous state when heated.

SECTION 11: Toxicological information *****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****Citric acid, anhydrous**Species rat
LD50 3000 mg/kg**6-O-palmitoylascorbic acid**Species rat
LD50 > 10000 mg/kg

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6-O-palmitoylascorbic acid

Species	mouse		
LD50		25000	mg/kg

Stearic acid, monoester with glycerol

Species	rat		
LD50	>	5000	mg/kg

2,6-Di-tert-butyl-p-cresol

Species	Rats (male/female)		
LD50	>	6000	mg/kg
Method	OECD 401		

Propane-1,2-diol

Species	rat		
LD50		20000	mg/kg

Propane-1,2-diol

Species	rat		
LD50		6660	mg/kg
Remarks	intraperitoneal		

Propane-1,2-diol

Species	mouse		
LD50		9718	mg/kg
Remarks	intraperitoneal		

Propane-1,2-diol

Species	rat		
LD50		22000	mg/kg
Method	OECD 401		

Acute dermal toxicity (Components)**6-O-palmitoylascorbic acid**

Species	guinea pig		
LD50	>	3000	mg/kg

Citric acid, anhydrous

Remarks	No data available		
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Stearic acid, monoester with glycerol

Species	Human		
Duration of exposure	24	h	
Remarks	Based on available data, the classification criteria are not met.		

2,6-Di-tert-butyl-p-cresol

Species	Rats (male/female)		
LD50	>	2000	mg/kg
Method	OECD 402		

Propane-1,2-diol

Species	rabbit		
		20800	mg/kg

Propane-1,2-diol

Species	rabbit		
LD50	>	2000	mg/kg
Duration of exposure	24	h	
Method	OECD 402		

Acute inhalative toxicity (Components)**Citric acid, anhydrous**

Remarks	Harmful by inhalation.		
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6-O-palmitoylascorbic acid

Remarks	No data available.		
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Stearic acid, monoester with glycerol

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

2,6-Di-tert-butyl-p-cresol

Remarks No data available.

Propane-1,2-diol

Species rabbit
 LC50 317042 mg/m³
 Duration of exposure 2 h
 Method OECD 403

Skin corrosion/irritation (Components)**Citric acid, anhydrous**

Species rabbit
 evaluation slightly irritant
 Method OECD 404

6-O-palmitoylascorbic acid

Species rabbit
 evaluation slightly irritant

Stearic acid, monoester with glycerol

Species guinea pig
 Remarks No effect of irritation known.

2,6-Di-tert-butyl-p-cresol

Species rabbit
 Duration of exposure 4 h
 evaluation non-irritant
 Method OECD 404

Propane-1,2-diol

Duration of exposure 7 d
 evaluation slightly irritant

Serious eye damage/irritation

Remarks Irritates the eyes.

Serious eye damage/irritation (Components)**Citric acid, anhydrous**

Species rabbit
 evaluation irritant - risk of serious damage to eyes
 Method OECD 405

6-O-palmitoylascorbic acid

Species rabbit
 evaluation irritant
 Method Draize method

Stearic acid, monoester with glycerol

Species mammal, species unspecified
 Remarks slightly irritating (Eye)

2,6-Di-tert-butyl-p-cresol

Species rabbit
 evaluation non-irritant
 Method OECD 405

Propane-1,2-diol

Species rabbit
 evaluation slightly irritant

Sensitization

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Remarks No data available.

Sensitization (Components)**6-O-palmitoylascorbic acid**

evaluation non-sensitizing
Remarks No sensitisation effect known.

Citric acid, anhydrous

Remarks No data available.

Stearic acid, monoester with glycerol

Remarks No sensitisation effect known.

2,6-Di-tert-butyl-p-cresol

evaluation non-sensitizing
Method in vitro
Source ECHA

Propane-1,2-diol

Remarks No data available.

Subacute, subchronic, chronic toxicity (Components)**6-O-palmitoylascorbic acid**

Remarks Not applicable

Stearic acid, monoester with glycerol

Remarks Not applicable

2,6-Di-tert-butyl-p-cresol

Remarks No data available

Propane-1,2-diol

Remarks No data available.

Mutagenicity (Components)**Citric acid, anhydrous**

evaluation No mutagenicity in the Ames-test.
Method in vitro
Remarks negative

6-O-palmitoylascorbic acid

Remarks negative

Stearic acid, monoester with glycerol

Remarks No data available.

2,6-Di-tert-butyl-p-cresol

Species Salmonella typhimurium
evaluation No mutagenicity in the Ames-test.
Remarks negative

2,6-Di-tert-butyl-p-cresol

Route of exposure intraperitoneal
Species mouse
evaluation No mutagenicity in the micronucleus test.

2,6-Di-tert-butyl-p-cresol

Route of exposure oral
Species rat (male)
Remarks negative

Propane-1,2-diol

Remarks No data available.

Reproduction toxicity (Components)**Citric acid, anhydrous**

Remarks Indications of toxic effects are available from reproduction studies in

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	animals.
6-O-palmitoylascorbic acid	
evaluation	No negative effects
Stearic acid, monoester with glycerol	
Species	rat
Remarks	Indications of toxic effects are available from reproduction studies in animals.
2,6-Di-tert-butyl-p-cresol	
Remarks	No data available.
Propane-1,2-diol	
Remarks	No data available.

Carcinogenicity (Components)

Citric acid, anhydrous	
Remarks	No data available.
6-O-palmitoylascorbic acid	
Remarks	negative
Stearic acid, monoester with glycerol	
Species	rat
Remarks	negative
2,6-Di-tert-butyl-p-cresol	
Remarks	No evidence available on carcinogenicity.
Propane-1,2-diol	
Remarks	No data available.

Specific Target Organ Toxicity (STOT) (Components)

Citric acid, anhydrous	
Remarks	Not applicable
6-O-palmitoylascorbic acid	
Remarks	Not applicable
Stearic acid, monoester with glycerol	
Remarks	Not applicable
2,6-Di-tert-butyl-p-cresol	
Species	Organs: Liver rat
NOAEL	25 mg/kg
Duration of exposure	1 d
Method	Value taken from the literature
Propane-1,2-diol	
Remarks	Not applicable

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 humans.

Other information

Observe the usual precautions for handling chemicals.

SECTION 12: Ecological information *****12.1. Toxicity****General information**

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There is no data available on the product apart from the information given in this subsection.

Fish toxicity (Components)**Citric acid, anhydrous**

Species	golden orfe (<i>Leuciscus idus</i>)		
LC50	440	to	760 mg/l
Duration of exposure	96	h	

6-O-palmitoylascorbic acid

Species	Salmo gairdneri		
LC50	51		mg/l
Duration of exposure	96	h	

Stearic acid, monoester with glycerol

Remarks	No data available.		
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2,6-Di-tert-butyl-p-cresol

Species	Oryzias latipes		
LC50	5.3		mg/l

2,6-Di-tert-butyl-p-cresol

Species	zebra fish (<i>Brachydanio rerio</i>)		
LC50	>=	0.57	mg/l
Duration of exposure	96	h	

2,6-Di-tert-butyl-p-cresol

Species	Oryzias latipes		
LC50	5.3		mg/l

Propane-1,2-diol

Species	Fathead minnow (<i>Pimephales promelas</i>)		
NOEC	52930		mg/l
Duration of exposure	96	h	

Propane-1,2-diol

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	40613		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)**Citric acid, anhydrous**

EC5	485		mg/l
Source	Entosiphon sulcatum (Literaturwert)		

Citric acid, anhydrous

Species	Daphnia magna		
EC50	120		mg/l
Duration of exposure	72	h	

6-O-palmitoylascorbic acid

Remarks	No data available.		
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Stearic acid, monoester with glycerol

Remarks	No data available.		
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2,6-Di-tert-butyl-p-cresol

EC50	0.48		mg/l
Duration of exposure	48	h	
Method	OECD 201		

2,6-Di-tert-butyl-p-cresol

NOEC	0.15		mg/l
Duration of exposure	48	h	

Propane-1,2-diol

Species	Daphnia		
NOEC	13020		mg/l

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Propane-1,2-diol

Species	Daphnia magna		
EC50	> 10000		mg/l
Duration of exposure	48	h	

Propane-1,2-diol

Species	Ceriodaphnia dubia		
LC50	18340		mg/l
Duration of exposure	48	h	
Method	static test		
Source	EPA 600/489/001		

Algae toxicity (Components)**Citric acid, anhydrous**

Species	Scenedesmus quadricauda		
IC5	640		mg/l
Duration of exposure	7	d	

Citric acid, anhydrous

Species	Microcystis aeruginosa (blue alge)		
IC5	80		mg/l

6-O-palmitoylascorbic acid

Remarks	No data available.
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Stearic acid, monoester with glycerol

Remarks	No data available.
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2,6-Di-tert-butyl-p-cresol

Species	Desmodesmus subspicatus		
ErC50	> 0.4		mg/l
Duration of exposure	72	h	

2,6-Di-tert-butyl-p-cresol

Species	Desmodesmus subspicatus		
EC10	0.4		mg/l
Duration of exposure	72	h	

2,6-Di-tert-butyl-p-cresol

EC50	> 0.4		mg/l
Duration of exposure	72	h	

Propane-1,2-diol

Species	Pseudokirchneriella subcapitata		
EC50	19000		mg/l
Duration of exposure	96	h	
Method	OECD 201		

Bacteria toxicity (Components)**Citric acid, anhydrous**

EC5	> 10000		mg/l
Duration of exposure	16	h	

6-O-palmitoylascorbic acid

Remarks	No data available.
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Stearic acid, monoester with glycerol

Remarks	No data available.
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2,6-Di-tert-butyl-p-cresol

EC50	1.7		mg/l
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2,6-Di-tert-butyl-p-cresol

EC0	500		mg/l
Duration of exposure	30	min	

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2,6-Di-tert-butyl-p-cresol

Species	activated sludge	
EC50	> 10000	mg/l
Duration of exposure	3	h
Method	OECD 209	

2,6-Di-tert-butyl-p-cresol

EC50	1.7	mg/l
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2,6-Di-tert-butyl-p-cresol

EC0	500	mg/l
Duration of exposure	30	min

2,6-Di-tert-butyl-p-cresol

Species	activated sludge	
EC50	> 10000	mg/l
Duration of exposure	3	h

Propane-1,2-diol

Remarks	No data available.
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12.2. Persistence and degradability**General information**

There is no data available on the product apart from the information given in this subsection.

Physico-chemical eliminability (Components)**Citric acid, anhydrous**

Remarks	No data available.
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6-O-palmitoylascorbic acid

Remarks	No data available.
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Stearic acid, monoester with glycerol

Remarks	No data available.
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2,6-Di-tert-butyl-p-cresol

Remarks	No data available.
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Propane-1,2-diol

Remarks	No data available.
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Biodegradability (Components)**Citric acid, anhydrous**

Value	98	%
Duration of test evaluation	2	d
	Readily eliminable from water	

6-O-palmitoylascorbic acid

Value	48	%
Duration of test evaluation	28	d
	not readily degradable	
Method	OECD 302B/ISO 9888/EEC 88/302,C	

Stearic acid, monoester with glycerol

Remarks	No data available.
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2,6-Di-tert-butyl-p-cresol

Value	< 10	%
Duration of test evaluation	20	d
	not readily degradable	
Method	OECD 301D	

Propane-1,2-diol

Remarks	The product is biodegradable.
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Ready degradability (Components)

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Citric acid, anhydrous

Value	98	%
Duration of test	2	d
Method	OECD 302B/ISO 9888/EEC 88/302,C	

6-O-palmitoylascorbic acid

Method	OECD 302B/ISO 9888/EEC 88/302,C	
Remarks	Not readily biodegradable.	

Stearic acid, monoester with glycerol

Remarks	No data available.	
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2,6-Di-tert-butyl-p-cresol

Remarks	Not readily biodegradable.	
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Propane-1,2-diol

Remarks	No data available.	
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Chemical oxygen demand (COD) (Components)**Citric acid, anhydrous**

Value	728	mg/g
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Biochemical oxygen demand (BOD5) (Components)**Citric acid, anhydrous**

Value	526	mg/g
Duration of test	5	d

12.3. Bioaccumulative potential**General information**

There is no data available on the product apart from the information given in this subsection.

Octanol/water partition coefficient (log Pow) (Components)**Citric acid, anhydrous**

log Pow	-1.72
Temperature	20 °C

6-O-palmitoylascorbic acid

log Pow	6.0
Method	calculated

12.4. Mobility in soil**General information**

For this subsection there is no ecotoxicological data available on the product as such.

Mobility in soil (Components)**2,6-Di-tert-butyl-p-cresol**

The product is insoluble and sinks in water.

2,6-Di-tert-butyl-p-cresol

Adsorbs on soil.

2,6-Di-tert-butyl-p-cresol

Immobile

12.5. Results of PBT and vPvB assessment**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 environment**

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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

There is no data available on the product apart from the information given in this subsection.

General information / ecology

Do not discharge product unmonitored into the environment. Product is highly hazardous to water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods







Disposal recommendations for the product

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information ***

	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***	Air transport ICAO/IATA ***
Tunnel restriction code	-		
14.1. UN number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,6-Di-tert-butyl-p-cresol)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,6-Di-tert-butyl-p-cresol)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,6-Di-tert-butyl-p-cresol)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 kg		
Transport category	3		
14.5. Environmental hazards	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant 	 ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information ***

Trade name: Oxynex 2004 Merck

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Water Hazard Class (Germany) *****

Water Hazard Class (Germany) WGK 2

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

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

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Irrit. 2	Eye irritation, Category 2

Supplemental information

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.