

EC safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.0, issued: 15.04.2020

Replaced version: -, issued: -

Region: GB

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

1.1 Product identifier

Trade name

KRONES celerol L 7031

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

Relevant identified uses of the substance or mixture

Lubricant

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

KIC KRONES Internationale Cooperationsgesellschaft mbH
Böhmerwaldstraße 5
93073 Neutraubling

Telephone no. +49 9401 70-3020
Fax no. +49 9401 70-3696
e-mail kic@kic-krones.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

In case of transport incidents and other emergencies:

+44 (0) 1235 239 670 (NCEC, National Chemical Emergency Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aquatic Chronic 3; H412

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms

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Signal word

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Hazard statement(s)

H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

P273 Avoid release to the environment.

2.3 Other hazards

No data available.

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

synthetic hydrocarbon oil; Ester oil

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
1	White mineral oil (petroleum)		%
	8042-47-5 232-455-8 - 01-2119487078-27	Asp. Tox. 1; H304	>= 5.00 - < 10.00 %b.w.
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		
	- 701-177-3 - 01-2119488991-20	Acute Tox. 4; H332 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 3; H412 Skin Irrit. 2; H315	< 2.50 %b.w.
3	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol		
	95-38-5 202-414-9 - 01-2119777867-13	Acute Tox. 4; H302 Skin Corr. 1C; H314 STOT RE 2; H373 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318	< 2.50 %b.w.
4	2,6-di-tert-butyl-p-cresol		
	128-37-0 204-881-4 - 01-2119555270-46	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 2.50 %b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	-	-	M = 10	-

No	Route, target organ, concrete effect
3	H373o oral; -, -

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

After skin contact

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

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Call a doctor immediately.

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After ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

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

Water spray jet; Alcohol-resistant foam; Dry chemical extinguisher; Carbon dioxide

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; Phosphorus oxides; Metal oxides

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Do not inhale vapours. Remove persons to safety.

For emergency responders

Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

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

Requirements for storage rooms and vessels

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Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, pls. See chapter 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
List of approved workplace exposure limits (WELs) / EH40			
	2,6-Ditertiary-butyl-para-cresol		
	WEL long-term (8-hr TWA reference period)	10	mg/m ³

DNEL, DMEL and PNEC values

DNEL values (worker)

DNEE values (worker)					
No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	White mineral oil (petroleum)			8042-47-5 232-455-8	
	dermal	Long term (chronic)	systemic	220	mg/kg/day
	inhalative	Long term (chronic)	systemic	160	mg/m³
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine			- 701-177-3	
	dermal	Long term (chronic)	systemic	20	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.8	mg/m³
3	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol			95-38-5 202-414-9	
	dermal	Long term (chronic)	systemic	0.06	mg/kg/day
	dermal	Short term (acut)	systemic	2	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.46	mg/m³
	inhalative	Short term (acut)	systemic	14	mg/m³
4	2,6-di-tert-butyl-p-cresol			128-37-0 204-881-4	
	dermal	Long term (chronic)	systemic	0.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	3.5	mg/m³

DNEL value (consumer)

DN22 Value (Consumer)				CAS / EC no	
No	Substance name				
	Route of exposure	Exposure time	Effect	Value	
1	White mineral oil (petroleum)			8042-47-5 232-455-8	
	oral	Long term (chronic)	systemic	40	mg/kg/day
	dermal	Long term (chronic)	systemic	93	mg/kg/day
	inhalative	Long term (chronic)	systemic	35	mg/m³
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine			- 701-177-3	
	oral	Long term (chronic)	systemic	10	mg/kg/day
	dermal	Long term (chronic)	systemic	10	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.4	mg/m³
3	2,6-di-tert-butyl-p-cresol			128-37-0 204-881-4	
	oral	Long term (chronic)	systemic	0.25	mg/kg/day
	dermal	Long term (chronic)	systemic	0.25	mg/kg/day

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	inhalative	Long term (chronic)	systemic	0.86	mg/m ³
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PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine		- 701-177-3	
	water	fresh water	0.43	µg/L
	water	marine water	0.043	µg/L
	water	fresh water sediment	0.007	mg/kg dry weight
	water	marine water sediment	0.001	mg/kg dry weight
	sewage treatment plant	-	1	mg/L
2	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol		95-38-5 202-414-9	
	water	fresh water	0	mg/L
	water	marine water	0	mg/L
	water	fresh water sediment	0.376	mg/kg dry weight
	water	marine water sediment	0.038	mg/kg dry weight
	sewage treatment plant	-	0.27	mg/L
3	2,6-di-tert-butyl-p-cresol		128-37-0 204-881-4	
	water	fresh water	0.199	µg/L
	water	marine water	0.02	µg/L
	water	Aqua intermittent	1.99	µg/L
	water	fresh water sediment	99.6	µg/kg dry weight
	water	marine water sediment	9.96	µg/kg dry weight
	soil	-	47.69	µg/kg dry weight
	sewage treatment plant	-	0.17	mg/L
	secondary poisoning	-	8.33	mg/kg food

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respirator P

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material nitrile rubber

Other

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Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour		
paste		
beige		
Odour		
characteristic		
Odour threshold		
No data available		
pH value		
No data available		
Boiling point / boiling range		
No data available		
Melting point / melting range		
No data available		
Decomposition point / decomposition range		
No data available		
Flash point		
Not applicable		
Auto-ignition temperature		
No data available		
Oxidising properties		
No data available		
Explosive properties		
The product does not have explosive properties.		
Flammability (solid, gas)		
Product is combustible.		
Lower flammability or explosive limits		
No data available		
Upper flammability or explosive limits		
No data available		
Vapour pressure		
Value	0.001	hPa
Reference temperature	20	°C
Vapour density		
No data available		
Evaporation rate		
No data available		
Relative density		
No data available		
Density		
Value	0.9	g/cm ³
Reference temperature	20	°C
Solubility in water		

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Comments	insoluble
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Solubility(ies)
No data available

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
log Pow	3.5	-	4.2
Reference temperature		20	°C
Method	EU Method A.8		
2	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
log Pow		5.1	
Source	ECHA		

Viscosity
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
3	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
LD50		1265	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
4	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4

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LD50	>	2930	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
2	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
LC50	>	5	mg/l
Duration of exposure		4	h
State of aggregation	mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
LC50		1.37	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
2	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
Duration of exposure		4	h
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	corrosive		
3	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
Species	rabbit		

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Method	US-EPA § 163.81-4
Source	ECHA
Evaluation	corrosive
3	2,6-di-tert-butyl-p-cresol 128-37-0 204-881-4
Species	rabbit
Source	ECHA
Evaluation	non-irritant

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Type of examination	in vitro gene mutation study in mammalian cells		
Species	Mouse lymphoma cells		
Method	OECD 476		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typhimurium		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
Method	OECD 476		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Type of examination	Toxicity study		
Species	rat		
Method	OECD 415		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		
Method	OECD 414		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
Method	OECD 421		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8

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Route of exposure	oral
Type of examination	Toxicity study
Species	rat
Method	OECD 453
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

STOT - single exposure

No data available

STOT - repeated exposure

No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Route of exposure		oral	
Species		rat	
Method		OECD 453	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
Species		rat	
Method		OECD 412	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		dermal	
Species		rat	
Method		OECD 411	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
Route of exposure		oral	
NOAEL		20	mg/kg bw/d
Species		rat	
Target organ		gastro-intestinal tract, thymus	
Method		OECD 422	
Source		ECHA	

Aspiration hazard

No data available

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)				
No	Substance name	CAS no.		EC no.
1	White mineral oil (petroleum)	8042-47-5		232-455-8
LL50		>	10000	mg/l
Duration of exposure			96	h
Species		Leuciscus idus		
Method		OECD 203		
Source		ECHA		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-		701-177-3
LC50			6.81	mg/l
Duration of exposure			96	h
Species		Leuciscus idus		
Method		EU C.1		
Source		ECHA		
3	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5		202-414-9
LC50		0.25	- 0.37	mg/l
Duration of exposure			96	h
Species		Danio rerio		
Method		OECD 203		
Source		ECHA		

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4	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
LC50	>=	0.57	mg/l
Duration of exposure		96	h
Species	Danio rerio		
Method	EG 84/449		
Source	ECHA		

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
EL50	>	100	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
EC50		0.43	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
3	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
EC50		0.163	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
4	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
EC50		0.61	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No	Substance name	CAS no.	EC no.
1	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
ErC50		6.3	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
2	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
EC50		0.03	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
3	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
EC50	>	0.4	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	EU C.3		
Source	ECHA		

Toxicity to algae (chronic)

No	Substance name	CAS no.	EC no.
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1	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
NOEC		0.011	mg/l
Duration of exposure		72	h
Species	Green algae		
Method	OECD 201		
Source	ECHA		

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
EC50	>	10000	mg/l
Duration of exposure		3	h
Species	activated sludge		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	White mineral oil (petroleum)	8042-47-5	232-455-8
Type	aerobic biodegradation		
Value		31	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	potentially biodegradable		
2	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
Type	CO2 formation in % of theoretical value		
Value		85.2	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
3	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
Type	aerobic biodegradation		
Value		1	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	not readily biodegradable		

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9
BCF		2.57	
Method	QSAR		
Source	ECHA		

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	N-methyl-N-[C18-(unsaturated)alkanoyl]glycine	-	701-177-3
log Pow	3.5	- 4.2	
Reference temperature		20	°C
Method	EU Method A.8		
2	2,6-di-tert-butyl-p-cresol	128-37-0	204-881-4
log Pow		5.1	
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

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No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.

No 3

EC safety data sheet

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Region: GB

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
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.

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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