

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

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
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

-

Signal word

-

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.

SECTION 3: Composition/information on ingredients

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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 wt%
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 wt%
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 wt%
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 wt%

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; -; -

Acute toxicity estimate (ATE) values

No	oral	dermal	inhalative
3	1265 mg/kg bodyweight		

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

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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.

After ingestion

Rinse the 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 section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 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

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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

Requirements for storage rooms and vessels

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, see section 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)				CAS / EC no	
No	Substance name				
	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	1.76	mg/m³

DNEL value (consumer)

DNEL Value (Consumer)					
No	Substance name			CAS / EC no	
	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

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

dermal	Long term (chronic)	systemic	0.25	mg/kg/day
inhalative	Long term (chronic)	systemic	0.435	mg/m ³

PNEC values

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	0.458 mg/kg dry weight
	water	marine water sediment	0.046 mg/kg dry weight
	soil	-	0.054 mg/kg dry weight
	sewage treatment plant	-	0.017 mg/L
	secondary poisoning	-	16.67 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

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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

State of aggregation		
liquid		
Form		
paste		
Colour		
beige		
Odour		
characteristic		
pH value		
No data available		
Boiling point / boiling range		
No data available		
Melting point/freezing point		
No data available		
Decomposition temperature		
No data available		
Flash point		
Not applicable		
Ignition temperature		
No data available		
Explosive properties		
The product does not have explosive properties.		
Flammability		
Product is combustible.		
Lower explosion limit		
No data available		
Upper explosion limit		
No data available		
Vapour pressure		
Value	0.001	hPa
Reference temperature	20	°C
Relative vapour density		
No data available		
Relative density		
No data available		
Density		
Value	0.9	g/cm³
Reference temperature	20	°C
Solubility in water		
Comments	insoluble	
Solubility		
No data available		

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

Partition coefficient n-octanol/water (log value)			
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	

Kinematic viscosity	
No data available	
Particle characteristics	
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 hazard classes as defined in Regulation (EC) No 1272/2008

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
LD50		>	2930 mg/kg bodyweight
Species		rat	

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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		
Method	US-EPA § 163.81-4		
Source	ECHA		
Evaluation	corrosive		

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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
Route of exposure	oral		
Type of examination	Toxicity study		
Species	rat		
Method	OECD 453		

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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
1	White mineral oil (petroleum)
	CAS no.
	8042-47-5
	EC no.
	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	

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

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			

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

Method	OECD 203
Source	ECHA
4	2,6-di-tert-butyl-p-cresol
LC50	128-37-0
Duration of exposure	204-881-4
Species	>= 0.57 mg/l
Method	96 h
Source	Danio rerio
	EG 84/449
	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)

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

No	Substance name	CAS no.	EC no.
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
Duration of exposure			3
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 (log value)			
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
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

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 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

Residues 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 Maritime transport in bulk according to IMO instruments

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.

EU safety data sheet

Trade name: KRONES celerol L 7031

Current version : 1.0.1, issued: 12.01.2023

Replaced version: 1.0.0, issued: 15.04.2020

Region: GB

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

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3
--	------

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.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

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 section.

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.

Creation of the safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

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.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.
Prod-ID 764910