

EU safety data sheet

Trade name: KRONES celerol FL 7214

Current version : 1.0.2, issued: 04.01.2023

Replaced version: 1.0.1, issued: 20.01.2020

Region: GB

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

1.1 Product identifier

Trade name

KRONES celerol FL 7214

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 information

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Not relevant

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Preparation from synthetic oils with additives.

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine		
	110-25-8 203-749-3 - 01-2119488991-20	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	< 2.50 wt%

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

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

After inhalation

Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

After skin contact

When in contact with the skin, clean with soap and 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). Get immediate ophthalmic treatment.

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if pain still persists.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Skin irritation; Eye irritation

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

Carbon dioxide; Extinguishing powder; Water spray jet; Fight large fires with directed water spray or Alcohol-resistant foam

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: Toxic gases/vapours

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

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. High risk of slipping due to leakage/spillage of product.

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. Prevent spread over a wide area (e.g. by containment or oil barriers).

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

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7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours.

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

Containers which are opened must be carefully resealed 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

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine			110-25-8 203-749-3	
	dermal	Long term (chronic)	systemic	10	mg/kg/day
	dermal	Short term (acute)	systemic	100	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.8	mg/m ³
	inhalative	Short term (acute)	systemic	18	mg/m ³
	inhalative	Long term (chronic)	local	0.01	mg/m ³
	inhalative	Short term (acute)	local	18	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine			110-25-8 203-749-3	
	oral	Long term (chronic)	systemic	5	mg/kg/day
	oral	Short term (acute)	systemic	92	mg/kg/day
	dermal	Long term (chronic)	systemic	5	mg/kg/day
	dermal	Short term (acute)	systemic	50	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.1	mg/m ³
	inhalative	Short term (acute)	systemic	9	mg/m ³
	inhalative	Long term (chronic)	local	5	µg/m ³
	inhalative	Short term (acute)	local	9	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine		110-25-8 203-749-3	
	water	fresh water	0.43	µg/L
	water	marine water	0.043	µg/L
	water	Aqua intermittent	4.3	µg/L
	sewage treatment plant	-	13	mg/L

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8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

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.

Eye / face protection

Safety glasses (EN 166)

Hand protection

In case of intensive contact, wear protective gloves (EN 374). 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

NBR

Other

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		
liquid		
Colour		
colourless		
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		
Value	200	°C
Ignition temperature		
No data available		
Flammability		
No data available		
Lower explosion limit		
No data available		
Upper explosion limit		
No data available		

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Vapour pressure

No data available

Relative vapour density

No data available

Relative density

No data available

Density

Value	0.85	g/cm ³
Reference temperature	15	°C

Solubility

No data available

Partition coefficient n-octanol/water (log value)

No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3

log Pow	3.5	-	4.2
Reference temperature			20 °C
with reference to	pH 7		
Method	92/69/EEC, A.8		
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

Stable at ambient temperature.

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

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

strong oxidizing agents; strong acids; strong bases

10.6 Hazardous decomposition products

No data available.

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	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 420		
Source	ECHA		

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Acute dermal toxicity			
No data available			
Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
LC50		1.01	- 1.85
Duration of exposure			4 mg/l h
State of aggregation		Dust/mist	
Species		rat	
Method		OECD 403	
Source		ECHA	
Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		irritant	
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
Species		rabbit	
Source		ECHA	
Evaluation		corrosive	
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
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	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
Type of examination		Bacterial Reverse Mutation Test	
Species		Salmonella typhimurium	
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
Species		rat	
Method		OECD 421	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Carcinogenicity			
No data available			
STOT - single exposure			
No data available			
STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
Route of exposure		inhalational	
Species		rat	

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Method	OECD 412
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

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	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
LC50		9.3	mg/l
Duration of exposure		96	h
Species	Leuciscus idus		
Method	440/2008/EC C.1.		
Source	ECHA		

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
EC50		0.43	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	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
EC50		6.3	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	440/2008/EC C.3.		
Source	ECHA		

Toxicity to algae (chronic)

No data available

Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
EC50		1300	mg/l
Duration of exposure		3	h
Method	OECD 209		
Source	ECHA		

12.2 Persistence and degradability

Biodegradability

No	Substance name	CAS no.	EC no.
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1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
Type	aerobic biodegradation		
Value		85.2	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3
log Pow		3.5	- 4.2
Reference temperature			20 °C
with reference to	pH 7		
Method	92/69/EEC, A.8		
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

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.

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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.

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

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances subject to restriction as listed in Annex XVII of the REACH regulation (EC) 1907/2006.

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

A chemical safety assessment has not been carried out for this mixture.

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)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H412	Harmful 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.

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