

# KRONES celerol FL 10

## Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017  
Date of issue: 17/12/2019 Revision date: 17/12/2019 : Version: 1.0

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Mixture  
Trade name : KRONES celerol FL 10

#### 1.2 Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Lubricating oil  
Restrictions on use : No information available

#### 1.4. Supplier's details

##### Supplier

KIC KRONES Internationale Cooperationsgesellschaft mbH  
Böhmerwaldstraße 5  
93073 Neutraubling  
T +49940170-3020  
F +49940170-3696  
kic@kic-krones.de

#### 1.5. Emergency phone number

Emergency number : +64 9 929 1483 (NCEC, National Chemical Emergency Service)  
0800 446 881 (toll-free number, access from New Zealand only)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification according to the HSNO Classification Criteria (Hazardous Substances (Classification) Regulations 2001)

Aspiration hazard, Category 1 H304

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects : No information available

#### 2.2. GHS Label elements, including precautionary statements

##### Labelling according to the United Nations GHS

Hazard pictograms (GHS NZ) :



GHS08

Signal word (GHS NZ) :

Danger

Hazard statements (GHS NZ) :

H304 - May be fatal if swallowed and enters airways.

Precautionary statements (GHS NZ) :

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 - Do NOT induce vomiting.

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : No information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%
C11-13 Isoparaffin	(CAS-No.)246538-78-3	30.00 – < 50.00
Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics	927-285-2 (EC-No.)	30.00 – < 50.00

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C11-12 Isoparaffin	(CAS-No.)146538-76-1	>=10.00 – < 25.00
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### SECTION 4: First-aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general	: Take off immediately all contaminated clothing and wash it before reuse. In case of doubt or persistent symptoms, consult always a physician.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. In case of doubt or persistent symptoms, consult always a physician.
First-aid measures after skin contact	: Wash immediately with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects	: May be fatal if swallowed and enters airways.
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#### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam. Water spray jet. Carbon dioxide. Extinguishing powder. Directed water spray.
Unsuitable extinguishing media	: High volume water jet.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Thermal decomposition generates toxic gases/vapours.
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#### 5.3. Special protective actions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Collect in closed container and remove to a safe place for disposal by burning.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear personal protective equipment.
Emergency procedures	: Ventilate spillage area. Remove all sources of ignition. Spilled material may present a slipping hazard.

##### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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#### 6.2. Environmental precautions

Avoid release to the environment. Do not discharge into drains or rivers. Advise local authorities if considered necessary. Avoid sub-soil penetration.

#### 6.3. Methods and materials for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Other information	: Dispose of materials or solid residues at an authorized site.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Respiratory protection equipment may be necessary. Avoid contact with skin. Keep away from sources of ignition - No smoking.
Hygiene measures	: Keep away from food and drink. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Do not breathe vapours. In case of contact with eyes or skin, rinse immediately with plenty of water. Remove contaminated clothing and shoes and launder thoroughly before reusing.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed.
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Storage area	: Containers which are opened should be properly resealed and kept upright to prevent leakage. Always keep in containers made of the same material as the supply container.
Incompatible products	: Strong acids, strong bases and oxidation agents.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No information available.

#### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. In case of inadequate ventilation wear respiratory protection.
Environmental exposure controls	: Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection	: Protective gloves. EN 374. Appropriate Material NBR Material thickness $\geq$ 0.38 mm Breakthrough time $\geq$ 480 mm
Eye protection	: Safety glasses with side shields. EN 166.
Skin and body protection	: Chemical-resistant work clothes.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator A/P2.

#### 8.4. Exposure limit values for the other components

No additional information available

### SECTION 9: Physical and chemical properties

#### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Colorless liquid
Colour	: Colourless.
Odour	: Slight.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability (solid, gas)	: Not available
Explosive limits	: Not available
Lower explosive limit (LEL)	: 0.6 vol %
Upper explosive limit (UEL)	: 6.5 vol %
Flash point	: $> 60$ °C, DIN EN ISO 2719
Auto-ignition temperature	: 265 °C, DIN 51794
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: 3.8 mm <sup>2</sup> /s @20°C, DIN 51562
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 0.78 g/cm <sup>3</sup> @15°C, DIN 51757
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Solubility	: Insoluble in water.
Explosive properties	: No data available
Oxidising properties	: No data available

#### 9.2. Data relevant with regard to physical hazard classes (supplemental)

Additional information	: No additional information available
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Incompatible materials.

#### 10.5. Incompatible materials

Strong acids, strong bases and oxidation agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

C11-12 Isoparaffin	
LD50 oral rat	> 5000 mg/kg bodyweight ,OECD 401,ECHA
LD50 dermal rat	> 2000 mg/kg bodyweight ,OECD 402,ECHA

Skin corrosion/irritation : Not classified

C11-12 Isoparaffin: rabbit, non-irritant, OECD 404, ECHA

Serious eye damage/irritation : Not classified

C11-12 Isoparaffin: rabbit, non-irritant, OECD 405, ECHA

Respiratory or skin sensitisation : Not classified

C11-12 Isoparaffin: Skin, guinea pig, non-sensitizing, OECD 406, ECHA

Germ cell mutagenicity : Not classified

C11-12 Isoparaffin: Based on available data, the classification criteria are not met, ECHA

Carcinogenicity : Not classified

C11-12 Isoparaffin: Based on available data, the classification criteria are not met, ECHA

Reproductive toxicity : Not classified

C11-12 Isoparaffin: Based on available data, the classification criteria are not met, ECHA

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.

KRONES celerol FL 10	
Viscosity, kinematic	3.8 mm <sup>2</sup> /s @20°C, DIN 51562

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

#### 12.2. Persistence and degradability

KRONES celerol FL 10	
Persistence and degradability	No information available.

#### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No information available.

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### 12.4. Mobility in soil

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Mobility in soil	No additional information available
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### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of according to all applicable regulations upon consultation of the local competent authorities and the disposer in a suitable and authorised disposal facility. Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : 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. Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

UN RTDG	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated for transport	Not regulated for transport	Not regulated for transport
<b>14.2. UN Proper Shipping Name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

### 14.6. Special precautions for user

- **UN RTDG**  
No data available  
- **IMDG**  
No data available  
- **IATA**  
No data available

### 14.7. Transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

#### New Zealand

#### HSNO approval number:

No additional information available

#### National regulations

#### C11-13 Isoparaffin (246538-78-3)

Listed on the Canadian DSL (Domestic Substances List)

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### C11-12 Isoparaffin (246538-76-1)

Listed on the Canadian DSL (Domestic Substances List)

### C11-13 Isoparaffin (246538-78-3)

Listed on NZIoC (New Zealand Inventory of Chemicals)

### C11-12 Isoparaffin (246538-76-1)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

## SECTION 16: Other information

Date of issue : 17/12/2019

Revision date : 17/12/2019

### Indication of changes:

No information available.

Data sources : ECHA. Loli.  
Abbreviations and acronyms : ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
EC50 - Median effective concentration  
IATA - International Air Transport Association  
IMDG - International Maritime Dangerous Goods  
LC50 - Median lethal concentration  
LD50 - Median lethal dose  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
SDS - Safety Data Sheet  
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.  
Other information : No information available

### Full text of H-statements:

H304	May be fatal if swallowed and enters airways
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### SDS NZ

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*