

# KRONES celerol LU 7610

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 10/4/2018 Revision date: 10/4/2018 Supersedes: 9/24/2018 Version: 2.00

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

#### 1.1. Product identifier

Trade name : KRONES celerol LU 7610

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Lubricant

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer/Supplier

KIC KRONES Internationale Cooperationsgesellschaft mbH  
Böhmerwaldstraße 5  
93073 Neutraubling  
T +49 9401 70-3020 - F +49 9401 70-3696  
[kic@kic-krones.de](mailto:kic@kic-krones.de) - [www.kic-krones.com](http://www.kic-krones.com)

##### Email competent person

sds@kft.de

#### 1.4. Emergency telephone number

Emergency number : For Hazardous Materials [or Dangerous Goods] Incidents  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2

H319

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H319 - Causes serious eye irritation.

Precautionary statements (CLP) :

P280 - Wear protective gloves, eye protection, face protection.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

EUH-statements :

EUH208 - Contains Benzenesulfonic acid, C10-16-alkyl derivs, calcium salts, Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs, calcium salts. May produce an allergic reaction.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Comments : Blend based on :  
Mineral oil  
Thickeners  
Additives

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	(CAS-No.) 68584-23-6 (EC-No.) 271-529-4 (REACH-no) 01-2119492627-25-xxxx	2,5-10	Skin Sens. 1B, H317
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	(CAS-No.) 68411-46-1 (EC-No.) 270-128-1 (REACH-no) 01-2119491299-23-xxxx	0,1-2,5	Aquatic Chronic 3, H412
Sulfonic acids, petroleum, calcium salts	(CAS-No.) 61789-86-4 (EC-No.) 263-093-9 (REACH-no) 01-2119488992-18-xxxx	0,1-2,5	Skin Sens. 1B, H317
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	(CAS-No.) 70024-69-0 (EC-No.) 274-263-7 (REACH-no) 01-2119492616-28-xxxx	0,1-2,5	Skin Sens. 1B, H317
calcium dodecylbenzenesulphonate	(CAS-No.) 26264-06-2 (EC-No.) 247-557-8	0,1-2,5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 4, H413

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	(CAS-No.) 68584-23-6 (EC-No.) 271-529-4 (REACH-no) 01-2119492627-25-xxxx	( 10 =<C < 100) Skin Sens. 1B, H317
Sulfonic acids, petroleum, calcium salts	(CAS-No.) 61789-86-4 (EC-No.) 263-093-9 (REACH-no) 01-2119488992-18-xxxx	( 10 =<C < 100) Skin Sens. 1B, H317
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	(CAS-No.) 70024-69-0 (EC-No.) 274-263-7 (REACH-no) 01-2119492616-28-xxxx	( 10 =<C <= 100) Skin Sens. 1B, H317

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Remove contaminated clothes. In all cases of doubt, or when symptoms persist, seek medical attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting. Rinse mouth out with water. Drink plenty of water. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : Eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Water.

#### 5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Hydrogen fluoride. fluorinated compounds.

#### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

### SECTION 6: Accidental release measures

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

- General measures : Spilled material may present a slipping hazard.

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

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

##### 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".

#### 6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters.

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

- Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
- Other information : Disposal must be done according to official regulations.

#### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. If spilled, may cause the floor to be slippery. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash hands before breaks and after work. Hand protection : skin cream may be used. Avoid contact with skin and eyes. Remove contaminated clothes. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Keep only in original container. Store tightly closed in a dry and cool place. Store in a well-ventilated place. Keep cool.
- Incompatible materials : Strong oxidizing agent.
- Heat and ignition sources : Keep away from heat and direct sunlight.
- Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

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### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Chemically resistant protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. The average penetration time of the various materials when used with this product is unknown

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Nitrile rubber (NBR)	2 (> 30 minutes)	0,13	No additional information available	EN 374

#### Eye protection:

Wear closed safety glasses. EN 166

#### Skin and body protection:

Wear suitable protective clothing. EN 340

#### Respiratory protection:

Not necessary with sufficient ventilation. EN 143

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Avoid contact with skin and eyes. Do not eat and do not drink during use. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and after work. Apply emollient cream. Take off immediately all contaminated clothing. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Pasty.
Colour	: light brown.
Odour	: none to slight.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: > 180 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not self-igniting
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Density	: 0.97 g/cm <sup>3</sup> (20 °C)
Solubility	: Water: Insoluble
Log Pow	: Not applicable
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: 550 Pa.s (20 °C)
Explosive properties	: Product is not explosive.
Oxidising properties	: No data available
Explosive limits	: No data available

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### 9.2. Other information

No additional information available

## 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

Reacts with oxidants.

### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong oxidizing agent.

### 10.6. Hazardous decomposition products

On thermal decomposition (pyrolysis) : fluorinated compounds.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

ATE CLP (oral)	130000 mg/kg
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### calcium dodecylbenzenesulphonate (26264-06-2)

LD50 oral rat	1300 mg/kg
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LD50 dermal rat	2000 mg/kg
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LD50 dermal rabbit	> 4199 mg/kg bodyweight
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Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: No data available

Additional information : The liquid defats the skin  
Repeated or prolonged skin contact may cause irritation  
Dermatitis

Serious eye damage/irritation : Causes serious eye irritation.  
pH: No data available

Additional information : May cause eye irritation

Respiratory or skin sensitisation : May cause sensitisation of susceptible persons

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Not relevant)

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Viscosity, kinematic	567010.309 mm <sup>2</sup> /s
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## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity : Not classified (Based on available data, the classification criteria are not met)

Chronic aquatic toxicity : Not classified (Based on available data, the classification criteria are not met)

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### Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LC50 fish 1	> 71 mg/l (96h;Brachydanio rerio (zebra-fish);(OECD 203 method))
EC50 Daphnia 1	51 mg/l (EC50 48h - Daphnia magna [mg/l];(OECD 202 method))
EC50 72h algae (1)	> 100 mg/l (72h;Desmodesmus subspicatus ; OECD 201)

### calcium dodecylbenzenesulphonate (26264-06-2)

LC50 fish 1	2.8 mg/l (96 h, Cyprinus carpio, OECD 203)
EC50 Daphnia 1	2.5 mg/l (48 h; Daphnia magna; (OECD 202 method))
ErC50 (algae)	29 mg/l (96 h; Pseudokirchneriella subcapitata)
LOEC (chronic)	10 mg/l (28 d; Poecilia reticulata (Guppy))
NOEC chronic fish	3.2 mg/l (28 d; Poecilia reticulata (Guppy))
NOEC chronic crustacea	1.65 mg/l (21 d; Daphnia magna; (OECD 211 method))

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

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Log Pow	Not applicable
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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### Component

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts (68584-23-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
calcium dodecylbenzenesulphonate (26264-06-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Sulfonic acids, petroleum, calcium salts (61789-86-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts (70024-69-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods	: Disposal must be done according to official regulations. European waste catalogue. Do not dispose of with domestic waste. Do not discharge into drains or the environment.
Product/Packaging disposal recommendations	: Do not re-use empty containers without proper cleaning or reconditioning.
European List of Waste (LoW) code	: 20 01 26* - oil and fat other than those mentioned in 20 01 25
HP Code	: HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Indication of changes:

General revision.

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Section	Changed item	Change	Comments
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Labelling according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
3	3. Composition/information on ingredients	Modified	
8	Exposure controls / Personal protection equipment	Modified	
9	Physical and chemical properties	Modified	
11	Toxicological information	Modified	
12.	Ecological information	Modified	
15	Other information, restriction and prohibition regulations	Modified	
16	Other information	Modified	

### 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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources : Information provided by the manufacturer. MSDS of the supplier.

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Safety Data Sheet Service: +49 6155 8981-522  
Contact person : Dr. Dagmar Hofmann

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains Benzenesulfonic acid, C10-16-alkyl derivs, calcium salts, Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs, calcium salts. May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method

KFT SDS EU 00

*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*