

# EU safety data sheet

**Trade name:** KRONES celerol LC 7652

**Current version :** 1.0.0, issued: 23.03.2023

**Replaced version:** -, issued: -

**Region:**  
GER

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

### 1.1 Product identifier

**Trade name**

**KRONES celerol LC 7652**

### 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

### 1.4 Emergency telephone number

No data available.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification information**

Classification and labelling with respect to Serious eye damage/eye irritation are based on toxicological studies performed on the product (mixture).

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.

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

### 2.2 Label elements

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

**Hazard pictograms**

-

**Signal word**

-

**Hazard statement(s)**

-

**Hazard statements (EU)**

**EUH208**

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

**EUH210**

Safety data sheet available on request.

**Precautionary statement(s)**

-

**Labelling information**

The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

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## 2.3 Other hazards

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

#### Hazardous ingredients

| No | Substance name   | Additional information                  |                       |
|----|--|---|-----------------------|
|    | CAS / EC / Index / REACH no  | Classification (EC) 1272/2008 (CLP)     | Concentration %       |
| 1  | <b>Sulfonic acids, petroleum, calcium salts</b>                              |   |                       |
|    | 61789-86-4<br>263-093-9<br>-<br>01-2119488992-18                             | Skin Sens. 1B; H317                     | >= 5,00 - < 10,00 wt% |
| 2  | <b>Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts</b>             |   |                       |
|    | 68584-23-6<br>271-529-4<br>-<br>01-2119492627-25                             | Skin Sens. 1B; H317                     | >= 5,00 - < 10,00 wt% |
| 3  | <b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>        |   |                       |
|    | 70024-69-0<br>274-263-7<br>-<br>01-2119492616-28                             | Skin Sens. 1B; H317                     | >= 5,00 - < 10,00 wt% |
| 4  | <b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene</b> |   |                       |
|    | 68411-46-1<br>270-128-1<br>-<br>-  | Aquatic Chronic 3; H412                 | < 2,50 wt%            |
| 5  | <b>Calcium-dodecylbenzenesulphonate</b>                                      |   |                       |
|    | 26264-06-2<br>247-557-8<br>-<br>-  | Eye Dam. 1; H318<br>Skin Irrit. 2; H315 | < 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) |
|----|------|-------------------------------|------------------|--------------------|
| 1  | -    | Skin Sens. 1B; H317: C >= 10% | -                | -                  |
| 2  | -    | Skin Sens. 1B; H317: C >= 10% | -                | -                  |
| 3  | -    | Skin Sens. 1B; H317: C >= 10% | -                | -                  |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

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## General information

Remove contaminated clothing and shoes immediately, 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 medical attention if pain still persists.

## After ingestion

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

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

### Symptoms

Eye irritation; Skin irritation

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

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Water mist; 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. Containers close to fire should be transferred to a safe place. 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.

#### For emergency responders

Personal protective equipment (PPE) - see section 8.

### 6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.

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

Collect mechanically. When collected, handle material as described under the section heading "Disposal considerations". Avoid raising dust.

### 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

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## 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. Provide good ventilation at the work area (local exhaust ventilation, if necessary). Observe the usual precautions for handling chemicals.

## General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale dust. 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

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.

### Storage Class according TRGS 510

11 Combustible solids that cannot be assigned to any of the above storage classes

## 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  | Sulfonic acids, petroleum, calcium salts  | 61789-86-4 | 263-093-9         |
|    | TRGS 900                                  |            |                   |
|    | Sulfonsäuren, Erdöl-, Calciumsalze        |            |                   |
|    | alveolengängige Fraktion                  |            |                   |
|    | WEL long-term (8-hr TWA reference period) | 5          | mg/m <sup>3</sup> |
|    | Ceiling Limit                             | 4(II)      |                   |

#### DNEL, DMEL and PNEC values

##### DNEL values (worker)

| No | Substance name   |                     |          | CAS / EC no             |                    |
|----|--|---------------------|----------|-------------------------|--------------------|
|    | Route of exposure  | Exposure time       | Effect   | Value                   |                    |
| 1  | Sulfonic acids, petroleum, calcium salts                       |                     |          | 61789-86-4<br>263-093-9 |                    |
|    | dermal   | Long term (chronic) | systemic | 3,33                    | mg/kg/day          |
|    | dermal   | Long term (chronic) | local    | 1,03                    | mg/cm <sup>2</sup> |
|    | inhalative   | Long term (chronic) | systemic | 11,75                   | mg/m <sup>3</sup>  |
| 2  | Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts      |                     |          | 68584-23-6<br>271-529-4 |                    |
|    | dermal   | Long term (chronic) | systemic | 3,33                    | mg/kg/day          |
|    | dermal   | Long term (chronic) | local    | 1,03                    | mg/cm <sup>2</sup> |
|    | inhalative   | Long term (chronic) | systemic | 11,75                   | mg/m <sup>3</sup>  |
| 3  | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts |                     |          | 70024-69-0<br>274-263-7 |                    |
|    | dermal   | Long term (chronic) | systemic | 3,33                    | mg/kg/day          |
|    | dermal   | Long term (chronic) | local    | 1,03                    | mg/cm <sup>2</sup> |
|    | inhalative   | Long term (chronic) | systemic | 11,75                   | mg/m <sup>3</sup>  |

##### DNEL value (consumer)

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| No | Substance name  |                     |          | CAS / EC no                     |                    |
|----|---|---------------------|----------|---------------------------------|--------------------|
|    | Route of exposure   | Exposure time       | Effect   | Value                           |                    |
| 1  | <b>Sulfonic acids, petroleum, calcium salts</b>                       |                     |          | <b>61789-86-4<br/>263-093-9</b> |                    |
|    | oral  | Long term (chronic) | systemic | 0,833                           | mg/kg/day          |
|    | dermal  | Long term (chronic) | systemic | 1,667                           | mg/kg/day          |
|    | dermal  | Long term (chronic) | local    | 0,513                           | mg/cm <sup>2</sup> |
|    | inhalative  | Long term (chronic) | systemic | 2,90                            | mg/m <sup>3</sup>  |
| 2  | <b>Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts</b>      |                     |          | <b>68584-23-6<br/>271-529-4</b> |                    |
|    | oral  | Long term (chronic) | systemic | 0,833                           | mg/kg/day          |
|    | dermal  | Long term (chronic) | systemic | 1,667                           | mg/kg/day          |
|    | dermal  | Long term (chronic) | local    | 0,513                           | mg/cm <sup>2</sup> |
|    | inhalative  | Long term (chronic) | systemic | 2,9                             | mg/m <sup>3</sup>  |
| 3  | <b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b> |                     |          | <b>70024-69-0<br/>274-263-7</b> |                    |
|    | oral  | Long term (chronic) | systemic | 0,833                           | mg/kg/day          |
|    | dermal  | Long term (chronic) | systemic | 1,667                           | mg/kg/day          |
|    | dermal  | Long term (chronic) | local    | 0,513                           | mg/cm <sup>2</sup> |
|    | inhalative  | Long term (chronic) | systemic | 2,9                             | mg/m <sup>3</sup>  |

## PNEC values

| No                      | Substance name   |   | CAS / EC no                     |                                 |
|-------------------------|--|---|---------------------------------|---------------------------------|
|                         | ecological compartment   | Type  | Value                           |                                 |
| 1                       | <b>Sulfonic acids, petroleum, calcium salts</b>                  |   | <b>61789-86-4<br/>263-093-9</b> |                                 |
|                         | water  | fresh water   | 1,00                            | mg/L                            |
|                         | water  | marine water  | 1,00                            | mg/L                            |
|                         | water  | fresh water sediment  | 226000000                       | mg/kg                           |
|                         | with reference to: dry weight                                    |   |                                 |                                 |
|                         | water  | marine water sediment   | 226000000                       | mg/kg                           |
|                         | with reference to: dry weight                                    |   |                                 |                                 |
|                         | soil   | -   | 271000000                       | mg/kg                           |
|                         | with reference to: dry weight                                    |   |                                 |                                 |
|                         | sewage treatment plant   | -   | 1000,00                         | mg/L                            |
|                         | secondary poisoning  | -   | 16,667                          | mg/kg                           |
| with reference to: food |  |   |                                 |                                 |
| 2                       | <b>Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts</b> |   | <b>68584-23-6<br/>271-529-4</b> |                                 |
|                         | water  | fresh water   | 1                               | mg/L                            |
|                         | water  | marine water  | 1                               | mg/L                            |
|                         | water  | Aqua intermittent   | 10                              | mg/L                            |
|                         | water  | fresh water sediment  | 226000                          | g/kg                            |
|                         | water  | marine water sediment   | 226000                          | g/kg                            |
|                         | soil   | -   | 271000                          | g/kg                            |
|                         | sewage treatment plant   | -   | 1000                            | mg/L                            |
|                         | secondary poisoning  | -   | 16,667                          | mg/kg food                      |
|                         | with reference to: food  |   |                                 |                                 |
|                         | 3  | <b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b> |                                 | <b>70024-69-0<br/>274-263-7</b> |
| water                   |  | fresh water   | 1                               | mg/L                            |
| water                   |  | marine water  | 1                               | mg/L                            |
| water                   |  | Aqua intermittent   | 10                              | mg/L                            |
| water                   |  | fresh water sediment  | 226000                          | g/kg                            |
| water                   |  | marine water sediment   | 226000                          | g/kg                            |
| soil                    |  | -   | 271000                          | g/kg                            |
| sewage treatment plant  |  | -   | 1000                            | mg/L                            |
| secondary poisoning     |  | -   | 16,667                          | mg/kg food                      |
| with reference to: food |  |   |                                 |                                 |

## 8.2 Exposure controls

Appropriate engineering controls

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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 dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified.

### 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 butyl rubber |      |     |
| Material thickness   | >=                   | 0,38 |     |
| Breakthrough time    | >=                   | 480  | min |

### 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

|                                      |  |
|--------------------------------------|--|
| <b>State of aggregation</b>          |  |
| solid                                |  |
| <b>Form</b>                          |  |
| solid; paste                         |  |
| <b>Colour</b>                        |  |
| yellow                               |  |
| <b>Odour</b>                         |  |
| mild                                 |  |
| <b>pH value</b>                      |  |
| Comments                             | Substance/mixture not soluble (in water) |
| <b>Boiling point / boiling range</b> |  |
| No data available                    |  |
| <b>Melting point/freezing point</b>  |  |
| No data available                    |  |
| <b>Decomposition temperature</b>     |  |
| No data available                    |  |
| <b>Flash point</b>                   |  |
| Value                                | > 180 °C                                 |
| Method                               | DIN 51755                                |
| <b>Ignition temperature</b>          |  |
| No data available                    |  |
| <b>Flammability</b>                  |  |
| No data available                    |  |
| <b>Lower explosion limit</b>         |  |

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No data available

#### Upper explosion limit

No data available

#### Vapour pressure

No data available

#### Relative vapour density

No data available

#### Relative density

No data available

#### Density

|                       |             |                   |
|-----------------------|-------------|-------------------|
| Value                 | 0,95 - 1,05 | g/cm <sup>3</sup> |
| Reference temperature | 25          | °C                |

#### Solubility in water

Comments essentially insoluble

#### Solubility

No data available

#### Partition coefficient n-octanol/water (log value)

| No | Substance name   | CAS no.    | EC no.    |
|----|--|------------|-----------|
| 1  | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |

|                       |          |      |    |
|-----------------------|----------|------|----|
| log Pow               | >        | 4,46 |    |
| Reference temperature |          | 20   | °C |
| Method                | OECD 107 |      |    |
| Source                | ECHA     |      |    |

#### Kinematic viscosity

No data available

#### Particle characteristics

No data available

## 9.2 Other information

#### Other information

NLGI: 2

## 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

No data available.

### 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

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| Acute oral toxicity |  |            |                  |
|---------------------|--|------------|------------------|
| No                  | Substance name                           | CAS no.    | EC no.           |
| 1                   | Sulfonic acids, petroleum, calcium salts | 61789-86-4 | 263-093-9        |
| LD50                | >  | 5000       | mg/kg bodyweight |
| Species             | rat                                      |            |                  |
| Method              | OECD 401                                 |            |                  |
| Source              | ECHA                                     |            |                  |

| Acute dermal toxicity |  |            |                  |
|-----------------------|--|------------|------------------|
| No                    | Substance name                           | CAS no.    | EC no.           |
| 1                     | Sulfonic acids, petroleum, calcium salts | 61789-86-4 | 263-093-9        |
| LD50                  | >  | 5000       | mg/kg bodyweight |
| Species               | rabbit                                   |            |                  |
| Method                | OECD 402                                 |            |                  |
| Source                | ECHA                                     |            |                  |

| Acute inhalational toxicity |  |  |  |
|-----------------------------|--|--|--|
| No data available           |  |  |  |

| Skin corrosion/irritation |   |            |           |
|---------------------------|---|------------|-----------|
| No                        | Substance name  | CAS no.    | EC no.    |
| 1                         | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts    | 70024-69-0 | 274-263-7 |
| Species                   | rabbit  |            |           |
| Method                    | EPA OPPTS 870.2500  |            |           |
| Source                    | ECHA  |            |           |
| Evaluation/classification | Based on available data, the classification criteria are not met. |            |           |

| Serious eye damage/irritation |   |  |  |
|-------------------------------|---|--|--|
| No                            | Product Name  |  |  |
| 1                             | KRONES celerol LC 7652  |  |  |
| Evaluation                    | non-irritant  |  |  |
| Evaluation/classification     | Based on available data, the classification criteria are not met. |  |  |

| Respiratory or skin sensitisation |  |            |           |
|-----------------------------------|--|------------|-----------|
| No                                | Substance name   | CAS no.    | EC no.    |
| 1                                 | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |
| Route of exposure                 | Skin   |            |           |
| Species                           | guinea pig   |            |           |
| Method                            | Buehler  |            |           |
| Source                            | ECHA   |            |           |
| Evaluation                        | sensitizing  |            |           |

| Germ cell mutagenicity    |  |            |           |
|---------------------------|--|------------|-----------|
| No                        | Substance name   | CAS no.    | EC no.    |
| 1                         | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts                     | 70024-69-0 | 274-263-7 |
| Species                   | Salmonella typhimurium: TA 1535, TA 1537, TA 98, TA 100; Escherichia coli WP2 uvrA |            |           |
| Method                    | OECD 471   |            |           |
| Source                    | ECHA   |            |           |
| Evaluation/classification | Based on available data, the classification criteria are not met.                  |            |           |
| Species                   | mouse  |            |           |
| Method                    | OECD 474   |            |           |
| Source                    | ECHA   |            |           |
| Evaluation/classification | Based on available data, the classification criteria are not met.                  |            |           |

| Reproduction toxicity |  |            |           |
|-----------------------|--|------------|-----------|
| No                    | Substance name   | CAS no.    | EC no.    |
| 1                     | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |
| Species               | rat  |            |           |



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|                           |   |
|---------------------------|---|
| Method                    | OECD 415  |
| Source                    | ECHA  |
| Evaluation/classification | Based on available data, the classification criteria are not met. |

|                        |
|------------------------|
| <b>Carcinogenicity</b> |
| No data available      |

|                               |
|-------------------------------|
| <b>STOT - single exposure</b> |
| No data available             |

| <b>STOT - repeated exposure</b> |  |   |           |
|---------------------------------|--|---|-----------|
| No                              | Substance name   | CAS no.   | EC no.    |
| 1                               | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0  | 274-263-7 |
| Route of exposure               |  | oral  |           |
| Species                         |  | rat   |           |
| Method                          |  | OECD 407  |           |
| 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  |           |
| Method                          |  | OECD 410  |           |
| Source                          |  | ECHA  |           |
| Evaluation/classification       |  | Based on available data, the classification criteria are not met. |           |

|                          |
|--------------------------|
| <b>Aspiration hazard</b> |
| 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

| <b>Toxicity to fish (acute)</b>    |  |                       |            |
|------------------------------------|--|-----------------------|------------|
| No                                 | Substance name   | CAS no.               | EC no.     |
| 1                                  | Sulfonic acids, petroleum, calcium salts                       | 61789-86-4            | 263-093-9  |
| LC50                               |  | >                     | 10000 mg/l |
| Duration of exposure               |  | 96                    | h          |
| Species                            |  | Cyprinodon variegatus |            |
| Method                             |  | OECD 203              |            |
| Source                             |  | ECHA                  |            |
| 2                                  | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0            | 274-263-7  |
| LL50                               |  | >                     | 10000 mg/l |
| Duration of exposure               |  | 96                    | h          |
| Species                            |  | Cyprinodon variegatus |            |
| Method                             |  | OECD 203              |            |
| Source                             |  | ECHA                  |            |
| <b>Toxicity to fish (chronic)</b>  |  |                       |            |
| No data available                  |  |                       |            |
| <b>Toxicity to Daphnia (acute)</b> |  |                       |            |
| No                                 | Substance name   | CAS no.               | EC no.     |

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| 1                    | Sulfonic acids, petroleum, calcium salts                       | 61789-86-4 | 263-093-9 |
|----------------------|--|------------|-----------|
| EC50                 | >  | 1000       | mg/l      |
| Duration of exposure |  | 48         | h         |
| Species              | Daphnia magna  |            |           |
| Method               | EPA OTS 797.1300   |            |           |
| Source               | ECHA   |            |           |
| 2                    | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |
| EC50                 | >  | 1000       | mg/l      |
| Duration of exposure |  | 48         | h         |
| Species              | Daphnia magna  |            |           |
| Method               | EPA OTS 797.1300   |            |           |
| Source               | ECHA   |            |           |

## Toxicity to Daphnia (chronic)

No data available

## Toxicity to algae (acute)

| No                   | Substance name   | CAS no.    | EC no.    |
|----------------------|--|------------|-----------|
| 1                    | Sulfonic acids, petroleum, calcium salts                       | 61789-86-4 | 263-093-9 |
| EC50                 | >  | 1000       | mg/l      |
| Duration of exposure |  | 72         | h         |
| Species              | Pseudokirchneriella subcapitata                                |            |           |
| Method               | EPA OTS 797.1050   |            |           |
| Source               | ECHA   |            |           |
| 2                    | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |
| EC50                 | >  | 1000       | mg/l      |
| Duration of exposure |  | 72         | h         |
| Species              | Pseudokirchneriella subcapitata                                |            |           |
| Method               | EPA OTS 797.1050   |            |           |
| Source               | ECHA   |            |           |

## Toxicity to algae (chronic)

No data available

## Bacteria toxicity

| No      | Substance name   | CAS no.    | EC no.    |
|---------|--|------------|-----------|
| 1       | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |
| EC50    | >  | 10000      |           |
| Species | activated sludge   |            |           |
| Method  | OECD 209   |            |           |
| Source  | ECHA   |            |           |

## 12.2 Persistence and degradability

| Biodegradability |  |            |           |
|------------------|--|------------|-----------|
| No               | Substance name   | CAS no.    | EC no.    |
| 1                | Sulfonic acids, petroleum, calcium salts                       | 61789-86-4 | 263-093-9 |
| Type             | aerobic biodegradation   |            |           |
| Value            |  | 8,6        | %         |
| Duration         |  | 28         | day(s)    |
| Method           | OECD 301 D   |            |           |
| Source           | ECHA   |            |           |
| Evaluation       | not readily biodegradable                                      |            |           |
| 2                | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |
| Type             | aerobic biodegradation   |            |           |
| Value            |  | 8          | %         |
| Duration         |  | 28         | day(s)    |
| Method           | OECD 301 D   |            |           |
| Source           | ECHA   |            |           |
| Evaluation       | not readily biodegradable                                      |            |           |

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## 12.3 Bioaccumulative potential

| Partition coefficient n-octanol/water (log value) |  |            |           |
|---|--|------------|-----------|
| No  | Substance name   | CAS no.    | EC no.    |
| 1   | Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | 70024-69-0 | 274-263-7 |
| log Pow   | >  | 4,46       |           |
| Reference temperature                             |  | 20         | °C        |
| Method  | OECD 107   |            |           |
| Source  | ECHA   |            |           |

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment |  |
|------------------------------------|--|
| PBT assessment                     | According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.  |
| vPvB assessment                    | According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB. |

## 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.

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## 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.

##### **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.

#### National regulations

##### **Water Hazard Class (Germany)**

Class

2

Source

Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

### 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.

H317

May cause an allergic skin reaction.

H318

Causes serious eye damage.

H412

Harmful to aquatic life with long lasting effects.

#### **Creation of the 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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