

# EU safety data sheet

Trade name: KRONES celerol LU 7607

Current version : 2.0.0, issued: 02.07.2020

Replaced version: 1.0.2, issued: 19.05.2020

Region: GB

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

### 1.1 Product identifier

Trade name

**KRONES celerol LU 7607**

### 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

Fax no. +49 9401 70-3696

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**

Classification and labelling with respect to corrosivity and irritation to skin are based on toxicological studies performed on the product (mixture).

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 Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, Sulfonic acids, petroleum, calcium salts. May

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EUH210 produce an allergic reaction.  
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).

## 2.3 Other hazards

PBT assessment

The product is not considered to be a PBT.

vPvB assessment

The product is not considered to be a vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable. The product is not a substance.

### 3.2 Mixtures

#### Chemical characterization

Mixture of mineral oils, calcium sulfonate thickener, additives and Teflon®.

#### Hazardous ingredients

No	Substance name	Additional information	Concentration	%
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)		
1	<b>Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts</b>			
	68584-23-6 271-529-4 - 01-2119492627-25	Skin Sens. 1B; H317	>= 5.00 - < 10.00	%-b.w.
2	<b>Calcium-dodecylbenzenesulphonate</b>			
	26264-06-2 247-557-8 - -	Eye Dam. 1; H318 Skin Irrit. 2; H315	< 5.00	%-b.w.
3	<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene</b>			
	68411-46-1 270-128-1 - 01-2119491299-23	Aquatic Chronic 3; H412	< 2.50	%-b.w.
4	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>			
	70024-69-0 274-263-7 - 01-2119492616-28	Skin Sens. 1B; H317	< 2.50	%-b.w.
5	<b>Sulfonic acids, petroleum, calcium salts</b>			
	61789-86-4 263-093-9 - 01-2119488992-18	Skin Sens. 1B; H317	< 2.50	%-b.w.

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%	-	-
4	-	Skin Sens. 1B; H317: C >= 10%	-	-
5	-	Skin Sens. 1B; H317: C >= 10%	-	-

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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). Begin with medical treatment.

#### After ingestion

Rinse 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

No data available.

### 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

Extinguishing measures to suit surroundings. Carbon dioxide; Sand; Extinguishing powder; Foam

#### Unsuitable extinguishing media

Water

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

In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; Toxic gases/vapours; fluorine compounds

### 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.

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

Take up mechanically. When collected, handle material as described under the section heading "Disposal considerations". Clean contaminated surfaces thoroughly.

### 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.

## 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 dust.

## 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	<b>Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts</b>			<b>68584-23-6</b> <b>271-529-4</b>	
	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	<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene</b>			<b>68411-46-1</b> <b>270-128-1</b>	
	dermal	Long term (chronic)	systemic	0.62	mg/kg/day
	inhalative	Long term (chronic)	systemic	4.37	mg/m <sup>3</sup>
3	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>			<b>70024-69-0</b> <b>274-263-7</b>	
	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>
4	<b>Sulfonic acids, petroleum, calcium salts</b>			<b>61789-86-4</b> <b>263-093-9</b>	
	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)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts</b>			<b>68584-23-6</b> <b>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>
2	<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene</b>			<b>68411-46-1</b> <b>270-128-1</b>	

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	oral	Long term (chronic)	systemic	0.31	mg/m <sup>3</sup>
	dermal	Long term (chronic)	systemic	0.31	mg/kg/day
	inhalative	Long term (chronic)	systemic	1.09	mg/m <sup>3</sup>
3	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>			<b>70024-69-0 274-263-7</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>
4	<b>Sulfonic acids, petroleum, calcium salts</b>			<b>61789-86-4 263-093-9</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>

## PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	<b>Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts</b>		<b>68584-23-6 271-529-4</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
2	<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene</b>		<b>68411-46-1 270-128-1</b>
	water	fresh water	0.051 mg/L
	water	marine water	0.0051 mg/L
	water	Aqua intermittent	0.51 mg/L
	water	fresh water sediment	9320 mg/kg
	with reference to: dry weight		
	water	marine water sediment	932 mg/kg
	with reference to: dry weight		
	soil	-	1860 mg/kg
	with reference to: dry weight		
	sewage treatment plant	-	1 mg/L
3	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>		<b>70024-69-0 274-263-7</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
4	<b>Sulfonic acids, petroleum, calcium salts</b>		<b>61789-86-4 263-093-9</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

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	with reference to: dry weight		
	sewage treatment plant	-	1000.00 mg/L
	secondary poisoning	-	16.667 mg/kg
	with reference to: food		

## 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 dust formation, take appropriate measures for breathing protection in the event that 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 neoprene

Appropriate Material nitrile

Appropriate Material PVC

#### 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>Form/Colour</b>	
pasty	
light brown	
<b>Odour</b>	
odourless	
<b>Odour threshold</b>	
No data available	
<b>pH value</b>	
No data available	
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point / melting range</b>	
No data available	
<b>Decomposition point / decomposition range</b>	
No data available	
<b>Flash point</b>	
Value	> 180 °C
<b>Auto-ignition temperature</b>	
Comments	Product is not selfigniting.
<b>Oxidising properties</b>	
No data available	

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## Explosive properties

The product does not have explosive properties.

## Flammability (solid, gas)

No data available

## Lower flammability or explosive limits

No data available

## Upper flammability or explosive limits

No data available

## Vapour pressure

No data available

## Vapour density

No data available

## Evaporation rate

No data available

## Relative density

No data available

## Density

Value	0.97	g/cm <sup>3</sup>
Reference temperature	20	°C

## Solubility in water

Comments insoluble

## Solubility(ies)

No data available

## Partition coefficient: n-octanol/water

No	Substance name	CAS no.	EC no.
1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1

log Pow	>	6
Source	ECHA	

2	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	274-263-7
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log Pow	>	4.46
Reference temperature	20	°C
Method	OECD 107	
Source	ECHA	

## Viscosity

Value	550	Pa*s
Type	dynamic	

## 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.

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## 10.4 Conditions to avoid

None, if handled according to intended use.

## 10.5 Incompatible materials

strong oxidizing agents

## 10.6 Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	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	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		
2	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	Product Name		
1	KRONES celerol LU 7607		
Evaluation/classification		Based on available data, the classification criteria are not met.	
Serious eye damage/irritation			
No	Product Name		
1	KRONES celerol LU 7607		
Comments		Analogous to product with a similar composition.	
Evaluation		non-irritant	
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
Route of exposure		Skin	
Species	guinea pig		
Method	OECD 406		
Source	ECHA		



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Evaluation	non-sensitizing
<b>2</b>	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b> <b>70024-69-0</b> <b>274-263-7</b>
Route of exposure	Skin
Species	guinea pig
Method	Buehler
Source	ECHA
Evaluation	sensitizing

## Germ cell mutagenicity

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene</b>	<b>68411-46-1</b>	<b>270-128-1</b>
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>	<b>70024-69-0</b>	<b>274-263-7</b>
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.
<b>1</b>	<b>Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene</b>	<b>68411-46-1</b>	<b>270-128-1</b>
Route of exposure	oral		
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>	<b>70024-69-0</b>	<b>274-263-7</b>
Species	rat		
Method	OECD 415		
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.
<b>1</b>	<b>Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts</b>	<b>70024-69-0</b>	<b>274-263-7</b>
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		

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Method	OECD 410
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

<b>Aspiration hazard</b>
No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
LC50	>	100	mg/l
Duration of exposure		96	h
Species	Danio rerio		
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		
3	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		

<b>Toxicity to fish (chronic)</b>
No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
EC50		51	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
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		
3	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		

<b>Toxicity to Daphnia (chronic)</b>
No data available

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Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
EC50	>	100	mg/l
Duration of exposure		72	h
Species	Desmodosmus subspicatus		
Method	OECD 201		
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		
3	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		

## 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	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
Type	aerobic biodegradation		
Value		1	%
Duration		28	day(s)
Method	OECD 301 B		
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		
3	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		

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## 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1
log Pow		>	6
Source		ECHA	
2	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	The product is not considered to be a PBT.
vPvB assessment	The product is not considered to be a vPvB.

## 12.6 Other adverse effects

No data available.

## 12.7 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

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.

## SECTION 14: Transport information

### 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

### 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

### 14.4 Other information

No data available.

### 14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

### 14.6 Special precautions for user

No data available.

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

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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, PREPARATIONS AND ARTICLES**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on 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.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

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.

#### **Department issuing safety data sheet**

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

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

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

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