

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

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

1.1 Product identifier

Trade name

KRONES celerol SP 7401

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

Relevant identified uses of the substance or mixture

Lubricant

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

KIC KRONES Internationale Cooperationsgesellschaft mbH
Böhmerwaldstraße 5
93073 Neutraubling

Telephone no. +49 9401 70-3020

e-mail kic@kic-krones.com

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

In case of transport incidents and other emergencies:

+44 (0) 1235 239 670 (NCEC, National Chemical Emergency Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222

Aquatic Chronic 3; H412

Classification information

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.

2.2 Label elements

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

Hazard pictograms



GHS02

Signal word

Danger

Hazard statement(s)

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H412

Harmful to aquatic life with long lasting effects.

Hazard statements (EU)

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

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

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P273 Avoid release to the environment.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container to a facility in accordance with local and national regulations.

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

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	isobutane		
	75-28-5 200-857-2 601-004-00-0 01-2119485395-27	Flam. Gas 1A; H220 Press. Gas	>= 70.00 - < 90.00 wt%
2	Hydrocarbons, C10-C12, isoalkanes, <2% aromatics		
	- 923-037-2 - 01-2119471991-29	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 EUH066	>= 10.00 - < 25.00 wt%
3	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts		
	70024-69-0 274-263-7 - 01-2119492616-28	Skin Sens. 1B; H317	< 5.00 wt%
4	Sulfonic acids, petroleum, calcium salts		
	61789-86-4 263-093-9 - 01-2119488992-18	Skin Sens. 1B; H317	< 5.00 wt%
5	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts		
	68584-23-6 271-529-4 - 01-2119492627-25	Skin Sens. 1B; H317	< 5.00 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)
3	-	Skin Sens. 1B; H317: C >= 10%	-	-
4	-	Skin Sens. 1B; H317: C >= 10%	-	-
5	-	Skin Sens. 1B; H317: C >= 10%	-	-

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. 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. In case of frostbite, rinse with plenty of water. Do not remove clothing. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Dizziness; Frostbite

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; Exposure to heat may cause bursting of the aerosol packagings.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Drums can explode from steam pressure. 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. Exclude sources of ignition and ventilate the area.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Ensure adequate ventilation.

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.

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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. Do not pierce or burn, even after use. Open and handle container with care. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

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. Protect from heat and direct sunlight. Protect from temperatures over 50°C.

Recommended storage temperature

Value < 50

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.

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	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts			70024-69-0 274-263-7	
	dermal	Long term (chronic)	systemic	3.33	mg/kg/day
	dermal	Long term (chronic)	local	1.03	mg/cm ²
	inhalative	Long term (chronic)	systemic	11.75	mg/m ³
2	Sulfonic acids, petroleum, calcium salts			61789-86-4 263-093-9	
	dermal	Long term (chronic)	systemic	3.33	mg/kg bw/day
	dermal	Long term (chronic)	local	1.03	mg/cm ²
	inhalative	Long term (chronic)	systemic	11.75	mg/m ³
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts			68584-23-6 271-529-4	
	dermal	Long term (chronic)	systemic	3.33	mg/kg bw/day
	dermal	Long term (chronic)	local	1.03	mg/cm ²
	inhalative	Long term (chronic)	systemic	11.75	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

1	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts			70024-69-0 274-263-7
	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 ²
	inhalative	Long term (chronic)	systemic	2.9 mg/m ³
2	Sulfonic acids, petroleum, calcium salts			61789-86-4 263-093-9
	oral	Long term (chronic)	systemic	0.833 mg/kg bw/day
	dermal	Long term (chronic)	systemic	1.667 mg/kg bw/day
	dermal	Long term (chronic)	local	0.513 mg/cm ²
	inhalative	Long term (chronic)	systemic	2.90 mg/m ³
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts			68584-23-6 271-529-4
	oral	Long term (chronic)	systemic	0.833 mg/kg bw/day
	dermal	Long term (chronic)	systemic	1.667 mg/kg bw/day
	dermal	Long term (chronic)	local	0.513 mg/cm ²
	inhalative	Long term (chronic)	systemic	2.9 mg/m ³

PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts		70024-69-0 274-263-7
	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	Sulfonic acids, petroleum, calcium salts		61789-86-4 263-093-9
	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		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts		68584-23-6 271-529-4
	water	fresh water	1 mg/L
	water	marine water	1 mg/L
	water	fresh water sediment	226000 g/kg
	with reference to: dry weight		
	water	marine water sediment	226000 g/kg
	with reference to: dry weight		
	soil	-	271000 g/kg
	with reference to: dry weight		
	sewage treatment plant	-	1000 mg/L
	secondary poisoning	-	16.667 mg/kg food

8.2 Exposure controls

Appropriate engineering controls

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

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 aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respiratory filter (gas) : P2
Respiratory filter (part): AX

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 mm
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

State of aggregation	
liquid	
Form	
Aerosol	
Colour	
beige	
Odour	
odourless	
pH value	
No data available	
Boiling point / boiling range	
No data available	
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Value	-60 °C
Method	DIN EN ISO 2719
Ignition temperature	
Value	365 °C
Method	DIN 51794
Flammability	

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

No data available

Lower explosion limit	
Value	1.5 % vol

Upper explosion limit	
Value	11 % vol

Vapour pressure	
No data available	

Relative vapour density	
No data available	

Relative density	
No data available	

Density	
Value	0.95 g/cm ³
Reference temperature	15 °C
Method	DIN 51757

Solubility in water	
Comments	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		
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
log Pow		22.12	
Reference temperature		25	°C
Method	OECD 107		
Source	ECHA		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
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	
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

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

10.5 Incompatible materials

strong oxidizing agents; strong acids; strong bases

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C12, isoalkanes, <2% aromatics	-	923-037-2
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		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C12, isoalkanes, <2% aromatics	-	923-037-2
LD50	>	5000	mg/kg bodyweight
Species	rabbit		
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		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
LD50	>	5000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Hydrocarbons, C10-C12, isoalkanes, <2% aromatics	-	923-037-2
LC50	>	5.6	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
LC50	>	1.9	mg/l

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	EPA OPP 81-3		
Source	ECHA		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
LC50	>	1.9	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
Method	OECD 403		
Source	ECHA		

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.		
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
Species	rabbit		
Method	EPA OPPTS 870.2500		
Source	ECHA		
Evaluation	non-irritant		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
Species	rabbit		
Method	EPA 870-2500		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/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 870-2400		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
Species	rabbit		
Method	EPA OPPTS 870.2400		
Source	ECHA		
Evaluation	non-irritant		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
Species	rabbit		
Method	EPA OPPTS 870.2400		
Source	ECHA		
Evaluation	non-irritant		

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		

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
Route of exposure		Skin	
Species		guinea pig	
Method		Buehler	
Source		ECHA	
Evaluation		sensitizing	
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
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	
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.
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.	
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
Route of exposure		oral	
Species		rat	

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

Method	OECD 407
Source	ECHA
Evaluation/classification	On the basis of the available information, the classification criteria are not met.
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6 271-529-4
Route of exposure	oral
Species	rat
Method	OECD 407
Source	ECHA
Evaluation/classification	On the basis of the available information, the classification criteria are not met.

Aspiration hazard

No data available

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	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		
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
LL50	>	10000	mg/l
Duration of exposure		96	h
Species	Cyprinodon variegatus		
Method	OECD 203		
Source	ECHA		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
LL50	>	10000	mg/l
Duration of exposure		96	h
Species	Cyprinodon variegatus		
Method	OECD 203		
Source	ECHA		

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	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		
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
EC50	>	1000	mg/l

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

Duration of exposure		48	h
Species	Daphnia magna		
Method	EPA OTS 797.1300		
Source	ECHA		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
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	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		
2	Sulfonic acids, petroleum, calcium salts	61789-86-4	263-093-9
EC50	>	1000	mg/l
Duration of exposure		96	h
Species	Raphidocelis subcapitata		
Method	EPA OTS 797.1050		
Source	ECHA		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	271-529-4
EC50	>	1000	mg/l
Duration of exposure		72	h
Species	Raphidocelis 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	Hydrocarbons, C10-C12, isoalkanes, <2% aromatics	-	923-037-2
Value		31.3	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	inherently 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)

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

Method	OECD 301 D
Source	ECHA
Evaluation	not readily biodegradable
3	Sulfonic acids, petroleum, calcium salts 61789-86-4 263-093-9
Value	8 %
Duration	28 day(s)
Method	OECD 301 D
Source	ECHA
Evaluation	not readily biodegradable
4	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6 271-529-4
Value	8 %
Duration	28 day(s)
Method	OECD 301 D
Source	ECHA
Evaluation	not readily biodegradable

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		
2	Sulfonic acids, petroleum, calcium salts 61789-86-4 263-093-9		
log Pow		22.12	
Reference temperature		25	°C
Method	OECD 107		
Source	ECHA		
3	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts 68584-23-6 271-529-4		
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 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.

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

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 UN number or ID number

ADR/RID/ADN	UN1950
IMDG	UN1950
ICAO-TI / IATA	UN1950

14.2 UN proper shipping name

ADR/RID/ADN	AEROSOLS
IMDG	AEROSOLS
ICAO-TI / IATA	Aerosols, flammable

14.3 Transport hazard class(es)

ADR/RID/ADN - Class	2
Label	2.1
Classification code	5F
Tunnel restriction code	D
IMDG - Class	2
Label	2.1
ICAO-TI / IATA - Class	2.1
Label	2.1

14.4 Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5 Environmental hazards

EmS	F-D, S-U
-----	----------

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

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3
--	------

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:	P3a
--	-----

EU safety data sheet

Trade name: KRONES celerol SP 7401

Current version : 1.0.6, issued: 10.05.2024

Replaced version: 1.0.5, issued: 04.08.2023

Region: GB

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

No data available.

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)

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

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

This information is based on our present knowledge and experience.

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

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

Alterations/supplements:

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

Document protected by copyright. Alterations or reproductions require the express written permission of UMCO GmbH.
Prod-ID 760818