

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

Date of issue: 21/12/2019

Revision date: 26/03/20121

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Version: 1.1

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : KRONES celerol L 7010

1.2 Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Grease
Recommended use : No information available

1.4. Supplier's details

Supplier

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

1.5. Emergency phone number

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

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Not classified

Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2): 9.3C, Harmful to terrestrial vertebrates.

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

2.2. GHS Label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS NZ) : None
Signal word (GHS NZ) : None
Hazard statements (GHS NZ) : None
Precautionary statements (GHS NZ) : None

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Calcium petroleum sulfonate	(CAS-No.) 61789-86-4	>= 5.00 - < 10.00
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	(CAS-No.) 68584-23-6	>= 5.00 - < 10.00
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	(CAS-No.) 70024-69-0	>= 5.00 - < 10.00
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	(CAS-No.) 68411-46-1	< 2.50
Benzenesulfonic acid, dodecyl-, calcium salt	(CAS-No.) 26264-06-2	< 2.50

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

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

4.2. Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects	: Eye irritation; Skin irritation.
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4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Specific hazards arising from the chemical

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

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

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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

6.1.2. For emergency responders

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

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

6.3. Methods and materials for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Mechanically recover the product. Avoid raising dust.
Other information	: Dispose of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

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

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Calcium petroleum sulfonate (61789-86-4)

Germany - Occupational Exposure Limits (TRGS 900)

TRGS 900 Occupational exposure limit value (mg/m ³)	5 mg/m ³ (respirable fraction)
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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls : Avoid release to the environment.

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

Hand protection : Protective gloves. EN 374
Appropriate Material Nitrile butyl rubber
Material thickness \geq 0.38
Breakthrough time \geq 480 min

Eye protection : Safety glasses with side shields. EN 166

Skin and body protection : Chemical-resistant work clothes.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Solid

Appearance : Yellow paste

Colour : Yellow.

Odour : Mild.

Odour threshold : Not available

Melting point : Not applicable

Freezing point : Not available

Boiling point : Not available

Flammability (solid, gas) : Not available

Explosive limits : Not applicable

Lower explosive limit (LEL) : Not applicable

Upper explosive limit (UEL) : Not applicable

Flash point : > 180 °C

Auto-ignition temperature : Not applicable

Decomposition temperature : Not available

pH : Substance/mixture not soluble (in water)

pH solution : Not available

Viscosity, kinematic (calculated value) (40 °C) : Not applicable

Log Kow : Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0) :
 >4.46 , 20 °C, OECD 107, ECHA

Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2): 4.77 25 ° C, QSAR, ECHA

Vapour pressure : Not available

Vapour pressure at 50 °C : Not available

Density : 0.95 - 1.05 g/cm³ @25°C

Relative density : Not available

Relative vapour density at 20 °C : Not applicable

Solubility : Essentially insoluble in water

Explosive properties : No data available

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

Oxidising properties : No data available

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

Additional information : No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Incompatible materials.

10.5. Incompatible materials

Strong bases. Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Calcium petroleum sulfonate (61789-86-4)	
LD50 oral rat	> 20 g/kg
LD50 oral rat	> 5000 mg/kg bodyweight OECD 401 ECHA
LD50 dermal rabbit	> 5000 mg/kg bodyweight OECD 402 ECHA
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)	
LD50 oral rat	> 2000 mg/kg
LC50 inhalation rabbit	Based on available data, the classification criteria are not met. EPA OPPTS 870.2500, ECHA
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)	
LD50 oral rat	> 5000 mg/kg
Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)	
LD50 oral rat	1086 - 1980 mg/kg
LD50 oral	1300 mg/kg ECHA

Skin corrosion/irritation : Not classified

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: rabbit, Based on available data, the classification criteria are not met, EPA OPPTS 870.2500, ECHA

Serious eye damage/irritation : Not classified

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: rabbit, Based on available data, the classification criteria are not met, EPA OPPTS 870-2400, ECHA

Respiratory or skin sensitisation : Not classified

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: guinea pig, Skin :sensitizing, Buehler, ECHA

Germ cell mutagenicity : Not classified

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: Salmonella typhimurium: TA 1535, TA 1537, TA 98, TA 100; Escherichia coli WP2 uvrA, Based on available data, the classification criteria are not met, OECD 471, ECHA

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: mouse, Based on available data, the classification criteria are not met, OECD 474, ECHA

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: rat, Based on available data, the classification criteria are not met, OECD 415, ECHA

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: rat, oral: Based on available data, the classification criteria are not met, OECD 407, ECHA; rat, inhalation: Based on available data, the classification criteria are not met. OECD 412, ECHA; dermal: Based on available data, the classification criteria are not met. OECD 410, ECHA.

SECTION 12: Ecological information

12.1. Toxicity

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

Calcium petroleum sulfonate (61789-86-4)	
LC50 fish 1	5.7 - 9.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
LC50 fish 2	1.0 - 10.0 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])
LC50 fish 3	> 10000 mg/l ,96h, Cyprinodon variegatus, OECD 203, ECHA
EC50 Daphnia 1	6.2 - 12 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2	> 1000 mg/l 48 h Daphnia magna EPA OTS 797.1300 ECHA
ErC50 (algae)	> 1000 mg/l 72 h Pseudokirchneriella subcapitata EPA OTS 797.1050 ECHA

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)	
LC50 fish 1	> 10000 mg/l ,96h, Cyprinodon variegatus, OECD 203, ECHA
EC50 Daphnia 1	> 1000 mg/l 48 h Daphnia magna EPA OTS 797.1300 ECHA
ErC50 (algae) 1	> 1000 mg/l 72 h Pseudokirchneriella subcapitata EPA OTS 797.1050 ECHA
ErC50 (algae) 2	> 10000 mg/l activated sludge OECD 209 ECHA

Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)	
LC50 fish 1	10.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2. Persistence and degradability

KRONES celerol L 7010	
Persistence and degradability	No information available.

Calcium petroleum sulfonate (61789-86-4)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	8.6 % 28 d OECD 301 D ECHA

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	8 % 28 d OECD 301 D ECHA

12.3. Bioaccumulative potential

KRONES celerol L 7010	
Bioaccumulative potential	No information available.

Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)	
Log Kow	4.46 ,20 °C, OECD 107, ECHA

Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)	
Log Kow	4.77 25 °C, QSAR, ECHA

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

12.4. Mobility in soil

KRONES celerol L 7010

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

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

SECTION 13: Disposal considerations

13.1. Disposal methods

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

Product/Packaging disposal recommendations : Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

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

14.6. Special precautions for user

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

14.7. Transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

New Zealand

HSNO approval number	
CAS# 68411-46-1	HSR003579
CAS# 26264-06-2	HSR003167

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

National regulations

Calcium petroleum sulfonate (61789-86-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (68584-23-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Calcium petroleum sulfonate (61789-86-4)
Listed on the Canadian DSL (Domestic Substances List)
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (68584-23-6)
Listed on the Canadian DSL (Domestic Substances List)
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)
Listed on the Canadian DSL (Domestic Substances List)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)
Listed on the Canadian DSL (Domestic Substances List)
Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)
Listed on the Canadian DSL (Domestic Substances List)
Calcium petroleum sulfonate (61789-86-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (68584-23-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Calcium petroleum sulfonate (61789-86-4)
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory)
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (68584-23-6)
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory)
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory)

KRONES celerol L 7010

Safety Data Sheet

according to Hazardous Substances and New Organisms Act 1996 & Hazardous Substances (Safety Data Sheets) Notice 2017

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

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

SECTION 16: Other information

Date of issue : 21/12/2019
Revision date : 23/03/2021

Indication of changes:

No information available.

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

Full text of H-statements:

No information available.

SDS UN

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