

KRONES celerol LU 7610

Safety Data Sheet

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

Issue date: 24/12/2019

Revision date: 1/14/2021

Version: 1.1

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Product name : KRONES celerol LU 7610

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Used as lubricant
Restrictions on use : No information available

1.4. Supplier's details

Supplier
KIC KRONES Internationale Cooperationsgesellschaft mbH
Böhmerwaldstraße 5
93073 Neutraubling
Germany
T +49-9401-70-3020
F +49-9401-70-3696
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 HSNO Classification Criteria(Hazardous Substances (Classification) Regulations 2001)

Not classified

Adverse physicochemical, human health and environmental effects : Benzenesulfonic acid, dodecyl-, calcium salt: Harmful to terrestrial vertebrates.

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 : Contains Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts; Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts; Calcium petroleum sulfonate. May produce an allergic reaction.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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

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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	: Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects : No information available.

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	: Carbon dioxide, sand, extinguishing powder, foam.
Unsuitable extinguishing media	: High volume water jet.

5.2. Specific hazards arising from the chemical

Fire hazard	: No information available.
Reactivity in case of fire	: Product is not explosive.
Hazardous decomposition products in case of fire	: Thermal decomposition generates toxic vapours: carbon monoxide, carbon dioxide, toxic gases/vapours, fluorine compounds.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate personnel to a safe area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure adequate ventilation, especially in confined areas.

Personal Precautions, Protective Equipment and Emergency Procedures : Use personal protective equipment as required.

6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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".
Protective equipment	: Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust.

6.2. Environmental precautions

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

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	: Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal.
Other information	: Disposal of materials or solid residues at an authorized site.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use personal protective equipment as required.
Local and general ventilation	: Ensure adequate ventilation, especially in confined areas.
Hygiene measures	: Keep away from food, drink and animal feeding stuffs. Avoid contact with eyes. Avoid dust formation. Do not breathe dust. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container tight closed. Store in a well-ventilated place. Keep cool. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep only in original container.
Incompatible materials	: Strong oxidizing agent.
Material used in packaging/containers	: No information available.
Storage temperature	: No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Monitoring methods

Monitoring methods	No information available.
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8.2. Appropriate engineering controls

Appropriate engineering controls	: Remove all sources of ignition. Ensure good ventilation of the work station.
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: neoprene, nitrile, PVC.
Eye protection	: Safety glasses (EN 166)
Skin and body protection	: Use chemically protective clothing
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	: Pasty
Colour	: Light brown.
Odour	: Odorless.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability (solid, gas)	: Non flammable
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 180 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1): > 6 (ECHA) Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0): > 4.46 (20 °C, OECD 107, ECHA)
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 0.97 g/cm ³ (20 °C)
Relative density	: Not available
Relative vapour density at 20 °C	: Not available

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Solubility	: Insoluble in water.
Viscosity, dynamic	: 550 Pa*s (20 °C)
Explosive properties	: Not available
Oxidising properties	: Not available

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

Additional information	: No additional information available
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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 oxidizing agent.

10.6. Hazardous decomposition products

Fluorine compounds.

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

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

LD50 oral rat	1086 - 1980 mg/kg
LD50 oral rat	1300 mg/kg

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

LD50 oral rat	> 5000 mg/kg (OECD 401, ECHA)
LD50 dermal rabbit	> 2000 mg/kg (OECD 402 ECHA)

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)

LD50 oral rat	> 2000 mg/kg
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Calcium petroleum sulfonate (61789-86-4)

LD50 oral rat	> 20 g/kg
LD50 oral rat	> 5000 mg/kg (OECD 401, ECHA)
LD50 dermal rabbit	> 5000 mg/kg (OECD 402 ECHA)

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: non-sensitizing (Skin, guinea pig, OECD 406, ECHA)
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: sensitizing (Skin, guinea pig, Buehler, ECHA)

Germ cell mutagenicity	: Not classified
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Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: Based on available data, the classification criteria are not met.
Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: Based on available data, the classification criteria are not met (Salmonella typhimurium: TA 1535, TA 1537, TA 98, TA 100; Escherichia coli WP2 uvrA, OECD 471, ECHA); Based on available data, the classification criteria are not met (mouse, OECD 474, ECHA)

Carcinogenicity	: Not classified
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Reproductive toxicity	: Not classified Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: Based on available data, the classification criteria are not met (oral, rat, OECD 422, ECHA) Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: Based on available data, the classification criteria are not met (rat, OECD 415, ECHA)
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts: Based on available data, the classification criteria are not met (oral, rat, OECD 407, ECHA); Based on available data, the classification criteria are not met (inhalational, rat, OECD 412, ECHA); Based on available data, the classification criteria are not met (dermal, OECD 410, ECHA)
Aspiration hazard	: Not classified

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Viscosity, kinematic	550 Pa*s (20 °C)
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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.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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

LC50 - Fish [1]	10.8 mg/L/96 h (Oncorhynchus mykiss)
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Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LC50 - Fish [1]	> 100 mg/L/96 h (Danio rerio, OECD 203, ECHA)
EC50 - Crustacea [1]	51 mg/L/48 h (Daphnia magna, OECD 202, ECHA)
ErC50 algae	> 100 mg/L/72 h (Desmodesmus subspicatus, OECD 201, ECHA)

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)

LC50 - Fish [1]	> 10000 mg/L/96 h (Cyprinodon variegatus, OECD 203, ECHA)
EC50 - Crustacea [1]	> 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)

Calcium petroleum sulfonate (61789-86-4)

LC50 - Fish [1]	> 10000 mg/L/96 h (Cyprinodon variegatus, OECD 203, ECHA)
EC50 - Crustacea [1]	> 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)

12.2. Persistence and degradability

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

Persistence and degradability	Not readily biodegradable.
Biodegradation	1 %/28 d (OECD 301 B, 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)

Calcium petroleum sulfonate (61789-86-4)

Persistence and degradability	Not readily biodegradable.
Biodegradation	8.6 %/28 d (OECD 301 D, ECHA)

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12.3. Bioaccumulative potential

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

Partition coefficient n-octanol/water (Log Kow) > 6 (ECHA)

Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)

Partition coefficient n-octanol/water (Log Kow) > 4.46 (20 °C, OECD 107, ECHA)

12.4. Mobility in soil

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Mobility in soil No additional information available

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. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

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.

SECTION 14: Transport information

In accordance with UN RTDG / IMDG / IATA

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
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

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SECTION 15: Regulatory information

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

New Zealand

HSNO approval number:

CAS# 26264-06-2	HSR003167
CAS# 68411-46-1	HSR003579

National regulations

Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts (68584-23-6)

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

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, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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 Canadian DSL (Domestic Substances List)

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

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, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)

Listed on the Canadian DSL (Domestic Substances List)

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 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)

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, mono-C16-24-alkyl derivatives, calcium salts (70024-69-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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 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, 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)

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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, 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)

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)

SECTION 16: Other information

Issue date : 24/12/2019
Revision date : 14/01/2021

Indication of changes:

No information available.

Data sources : ECHA, Loli.
Abbreviations and acronyms : LC50 - Median lethal concentration
LD50 - Median lethal dose
EC50 - Median effective concentration
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
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.

Safety Data Sheet (SDS), NZ

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.