

KRONES celerol L 7003

Safety Data Sheet

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

Issue date: 20/12/2019

Revision date: 04/01/2021

Version: 1.2

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : KRONES celerol L 7003

1.2. Other means of identification

Other means of identification : No 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.com

Importer

KRONES New Zealand Limited
Unit M/ 218 Marua Road, Mount Wellington
1051 Auckland
New Zealand
T +64 9 572 8148
david.boekemann@krones.net.au

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)

Serious eye damage/eye irritation, Category 2 H319

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects : Causes serious eye irritation.

2.2. GHS Label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS NZ) :



Signal word (GHS NZ) : Warning
Hazard statements (GHS NZ) : H319 - Causes serious eye irritation
Precautionary statements (GHS NZ) : P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

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

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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	< 2.50
Benzenamine, ar-nonyl-N-(nonylphenyl)-	(CAS-No.) 36878-20-3	< 2.50
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	(CAS-No.) 68411-46-1	< 2.50

Full text of H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

- First-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
- 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 : Rinse cautiously with water for several minutes. 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 : Causes serious eye irritation.

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 : Water spray, alcohol-resistant foam, dry chemical extinguisher, carbon dioxide.
- Unsuitable extinguishing media : High volume water jet.

5.2. Specific hazards arising from the chemical

- Fire hazard : No information available.
- Hazardous decomposition products in case of fire : Toxic fumes may be released: carbon monoxide, carbon dioxide, metal oxides, nitrogen oxides, sulphur oxides.

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 : Remove person to uncontaminated area. 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 : Dispose of materials or solid residues at an authorized site.

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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.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store tightly closed in a dry and cool place. Store in a well-ventilated place. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep only in original container.
- Incompatible materials : No information available.
- 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: Nitrile rubber
- Eye protection : Safety glasses with side shields (EN 166).
- Skin and body protection : Use chemically protective clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment (Respirator: P).

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 : Paste
- Molecular mass : No data available
- Colour : Beige.
- Odour : Characteristic.
- 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 : Not available
- Auto-ignition temperature : Not available
- Decomposition temperature : Not available
- pH : Not available
- pH solution : Not available
- Viscosity, kinematic (calculated value) (40 °C) : Not available

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Partition coefficient n-octanol/water (Log Pow)	: Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2): 4.77 (25 °C, QSAR, ECHA) Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3): > 7.6 (ECHA) Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1): > 6 (ECHA)
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: < 0.001 hPa (20 °C)
Vapour pressure at 50 °C	: Not available
Density	: 0.98 g/cm ³ (20 °C)
Relative density	: 0.98 (20 °C, calculated)
Relative vapour density at 20 °C	: Not available
Solubility	: Insoluble in water.
Explosive properties	: Not explosive
Oxidising properties	: Not 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

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Metal oxides, nitrous oxide, sulphur oxides.

SECTION 11: Toxicological information

Likely routes of exposure : Oral. Skin and eyes contact. Inhalation. Ingestion.

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 (OECD 401, ECHA)
LD50 dermal rabbit	> 5000 mg/kg (OECD 402, ECHA)
Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)	
LD50 oral rat	1086 - 1980 mg/kg
LD50 oral rat	1300 mg/kg (ECHA)
Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)	
LD50 oral rat	> 5000 mg/kg (OECD 401, ECHA)
LD50 dermal rabbit	> 2000 mg/kg (OECD 402, ECHA)
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)	
LD50 oral rat	> 5000 mg/kg (OECD 401, ECHA)
LD50 dermal rat	> 2000 mg/kg (OECD 402, ECHA)

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Skin corrosion/irritation	: Not classified Benzenesulfonic acid, dodecyl-, calcium salt: irritant (rabbit, 4 h, OECD 404, ECHA) Benzenamine, ar-nonyl-N-(nonylphenyl)-: low-irritant. Based on available data, the classification criteria are not met (rabbit, 4 h, OECD 404, ECHA) Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: low-irritant. Based on available data, the classification criteria are not met (rabbit, 4 h, OECD 404, ECHA)
Serious eye damage/irritation	: Causes serious eye irritation. Benzenesulfonic acid, dodecyl-, calcium salt: Irreversible effects on the eye (rabbit, OECD 405, ECHA) Benzenamine, ar-nonyl-N-(nonylphenyl)-: non-irritant (rabbit, OECD 405, ECHA) Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: non-irritant (rabbit, OECD 405, ECHA)
Respiratory or skin sensitisation	: Not classified Benzenamine, ar-nonyl-N-(nonylphenyl)-: non-sensitizing (Skin, guinea pig, OECD 406, ECHA) Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: non-sensitizing (Skin, guinea pig, OECD 406, ECHA)
Germ cell mutagenicity	: Not classified Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene: Based on available data, the classification criteria are not met.
Carcinogenicity	: Not classified
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)
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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

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)

Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)

LC50 - Fish [1]	> 100 mg/L/96 h (Danio rerio, OECD 202, ECHA)
EC50 - Crustacea [1]	> 100 mg/L/48 h (Daphnia magna, OECD 202, ECHA)
ErC50 algae	600 mg/L/72 h (Pseudokirchneriella subcapitata, OECD 201, ECHA)

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)

12.2. Persistence and degradability

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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Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)

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

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)

12.3. Bioaccumulative potential

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

Partition coefficient n-octanol/water (Log Kow)	4.77 (25 °C, QSAR, ECHA)
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Benzenamine, ar-nonyl-N-(nonylphenyl)- (36878-20-3)

Partition coefficient n-octanol/water (Log Kow)	> 7.6 (ECHA)
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Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Partition coefficient n-octanol/water (Log Kow)	> 6 (ECHA)
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12.4. Mobility in soil

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Mobility in soil	No additional information available
Ecology - soil	No 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. 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 UN RTDG / IMDG / IATA

UN RTDG	IMDG	IATA
14.1. UN number		
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		

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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

Lubricants (Low Hazard) Group Standard 2017 HSR002605

CAS# 26264-06-2 HSR003167

National regulations

No additional information available

SECTION 16: Other information

Issue date : 20/12/2019

Revision date : 04/01/2021

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

: None.

Full text of H-statements:

H319

Causes serious eye irritation

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.