

KRONES colclean CG DRY

Safety Data Sheet

According to the United Nations GHS (Rev. 8, 2019)

Issue date: 12/06/2020

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Version: 1.0

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : KRONES colclean CG DRY

1.2. Other means of identification

Other means of identification : No information available

1.3. Recommended use of the chemical and restrictions on use

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

1.4. Supplier's details

Supplier

KIC KRONES Internationale Cooperationsgesellschaft mbH
Böhmerwaldstraße 5
93073 Neutraubling
Germany
T +49-940170-3020
F +49-940170-3696
kic@kic-krones.com

Importer

KRONES LCS Center West Africa Ltd.
Acme Road, Ogba Industrial Scheme, Plot 7A, Block C
100211 Ikeja - Lagos
Nigeria
T +234 1 463 11 30
helmut.rumm@krones.com.ng

1.5. Emergency phone number

Emergency number : +44 1235 239671 (NCEC, National Chemical Emergency Centre)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Not classified

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 UN) : None
Signal word (GHS UN) : None
Hazard statements (GHS UN) : None
Precautionary statements (GHS UN) : 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	%
Glycerin	(CAS-No.) 56-81-5	>= 10.00 - < 25.00
Diethylene glycol monobutyl ether	(CAS-No.) 112-34-5	>= 5.00 - < 10.00
Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt	(CAS-No.) 1474044-66-0	< 2.50
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	(CAS-No.) 55965-84-9	< 0.0015

Full text of H-statements: see section 16

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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 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 skin with plenty of water. If irritation persists, consult a doctor.
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. 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	: Water spray, dry powder, foam, 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, such as carbon monoxide, carbon dioxide.

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.
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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	: Remove all sources of ignition. Avoid contact with skin and eyes. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke during use. Wash thoroughly after handling.

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.

6.3. Methods and materials for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
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. Keep away from sources of ignition. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
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/fume/gas/mist/vapours/spray. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up.
Storage area	: Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep only in original container. Protect from heat and direct sunlight.
Incompatible products	: Metals.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Diethylene glycol monobutyl ether (112-34-5)

EU - Occupational Exposure Limits

IOELV TWA (mg/m ³)	67.5 mg/m ³
IOELV TWA (ppm)	10 ppm
IOELV STEL (mg/m ³)	101.2 mg/m ³
IOELV STEL (ppm)	15 ppm

USA - ACGIH - Occupational Exposure Limits

ACGIH TWA (ppm)	10 ppm (inhalable fraction and vapor)
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Monitoring methods

Monitoring methods	No information available
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8.2. Appropriate engineering controls

- Appropriate engineering controls : Keep away from 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).
Eye protection : Safety glasses with side shields (EN 166).
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment
Thermal hazard protection : No information available.

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	: Liquid
Appearance	: Liquid
Colour	: Yellowish.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: > 100 °C
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	: Ca. 8
pH solution	: Not available
Viscosity, kinematic (calculated value) (40 °C)	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt: -0.7 (20 °C, OECD 107, ECHA)
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1.045 g/cm ³

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Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Solubility	: Not available
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

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

Metals.

10.6. Hazardous decomposition products

No information available.

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

Diethylene glycol monobutyl ether (112-34-5)

LD50 oral rat	5660 mg/kg
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LD50 dermal rabbit	2700 mg/kg
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Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt (1474044-66-0)

LD50 oral rat	> 1550 mg/kg (ECHA)
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LD50 dermal rabbit	> 2001 mg/kg (OECD 402, ECHA)
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5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

LD50 oral rat	53 mg/kg
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Glycerin (56-81-5)

LD50 oral rat	12600 mg/kg
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LD50 dermal rabbit	> 10 g/kg
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LC50 inhalation rat (mg/l)	> 570 mg/m ³ (Exposure time: 1 h)
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Skin corrosion/irritation : Not classified

pH: ca. 8

Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt: irritant (rabbit, 16 CFR 1500.41, ECHA)

Serious eye damage/irritation : Not classified

pH: ca. 8

Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt: irritant (rabbit, 16 CFR 1500.42, ECHA)

Respiratory or skin sensitisation : Not classified

Skin: non-sensitizing (guinea pig, OECD 406, ECHA)

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met (Salmonella typhimurium TA98, TA100, TA102, TA1535, TA1537, OECD 471, ECHA)

Carcinogenicity : Not classified

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Reproductive toxicity	: Not classified
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

Diethylene glycol monobutyl ether (112-34-5)

LC50 fish 1	1300 mg/L/96 h <i>Lepomis macrochirus</i> [static]
EC50 Daphnia 1	> 100 mg/L/48 h <i>Daphnia magna</i>
EC50 algae 1	> 100 mg/L/96 h <i>Desmodesmus subspicatus</i>

Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt (1474044-66-0)

LC50 fish 1	> 100 mg/L/96 h (<i>Danio rerio</i> , OECD 203, ECHA)
EC50 algae 1	> 100 mg/L/72 h (<i>Pseudokirchneriella subcapitata</i> , OECD 201, ECHA)

12.2. Persistence and degradability

Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt (1474044-66-0)

Persistence and degradability	Readily biodegradable.
Biodegradation	89.7 %/28 d, OECD 301 B, ECHA

12.3. Bioaccumulative potential

Alkane C6-C8 (even numbered), 1-sulphonic acid, sodium salt (1474044-66-0)

Partition coefficient n-octanol/water (Log Kow)	-0.7 (20 °C, OECD 107, ECHA)
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12.4. Mobility in soil

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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 contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: 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		
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable

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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

SECTION 15: Regulatory information

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

Diethylene glycol monobutyl ether (112-34-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the Canadian DSL (Domestic Substances List)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
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 KECL/KECI (Korean Existing Chemicals Inventory)
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)

5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

Listed on the Canadian DSL (Domestic Substances List)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
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Glycerin (56-81-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the Canadian DSL (Domestic Substances List)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
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SECTION 16: Other information

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Indication of changes:

No information available.

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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	: None.

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.