

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

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

1.1 Product identifier

Trade name

KRONES colclean CD 2005

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

Relevant identified uses of the substance or mixture

Cleaning agent

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

Fax no. +49 9401 70-3696

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)

Eye Irrit. 2; H319

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



GHS07

Signal word

Warning

Hazard statement(s)

H319

Causes serious eye irritation.

Precautionary statement(s)

P280

Wear protective gloves/eye protection/face protection.

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

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

No data available.

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	sodium p-cumenesulphonate			
	15763-76-5 239-854-6 - 01-2119489411-37	Eye Irrit. 2; H319	>= 5.00 - < 10.00	%-b.w.
2	citric acid monohydrate			
	5949-29-1 201-069-1 - 01-2119457026-42	Eye Irrit. 2; H319	>= 5.00 - < 10.00	%-b.w.
3	propan-2-ol			
	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336	>= 5.00 - < 10.00	%-b.w.
4	Alcohols, C12-14, ethoxylated propoxylated			
	68439-51-0 - - -	Aquatic Chronic 3; H412	< 5.00	%-b.w.

Full Text for all H-phrases and EUH-phrases: pls. see section 16

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

In case of contact with skin wash off with water. 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 mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Eye irritation

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Foam; Carbon dioxide

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: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. 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. Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

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.

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. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

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.

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. Keep from freezing. Protect from heat and direct sunlight.

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

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

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

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
List of approved workplace exposure limits (WELs) / EH40			
Propan-2-ol			
	WEL short-term (15 min reference period)	1250	mg/m ³ 500 ppm
	WEL long-term (8-hr TWA reference period)	999	mg/m ³ 400 ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	sodium p-cumenesulphonate			15763-76-5 239-854-6
	dermal	Long term (chronic)	systemic	7.6 mg/kg/day
	inhalative	Long term (chronic)	systemic	53.6 mg/m ³
2	propan-2-ol			67-63-0 200-661-7
	dermal	Long term (chronic)	systemic	888 mg/kg/day
	inhalative	Long term (chronic)	systemic	500 mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no		
	Route of exposure	Exposure time	Effect	Value
1	sodium p-cumenesulphonate			15763-76-5 239-854-6
	oral	Long term (chronic)	systemic	3.8 mg/kg/day
	dermal	Long term (chronic)	systemic	3.8 mg/kg/day
	inhalative	Long term (chronic)	systemic	13.2 mg/m ³
2	propan-2-ol			67-63-0 200-661-7
	oral	Long term (chronic)	systemic	26 mg/kg/day
	dermal	Long term (chronic)	systemic	319 mg/kg/day
	inhalative	Long term (chronic)	systemic	89 mg/m ³

PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	sodium p-cumenesulphonate		15763-76-5 239-854-6
	water	fresh water	0.23 mg/L
	water	Aqua intermittent	2.3 mg/L
	sewage treatment plant	-	100 mg/L
2	citric acid monohydrate		5949-29-1 201-069-1
	water	fresh water	0.44 mg/L
	water	marine water	0.044 mg/L
	water	fresh water sediment	34.6 mg/kg
	with reference to: dry weight		
	water	marine water sediment	3.46 mg/kg
	with reference to: dry weight		

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

	soil	-	33.1	mg/kg
	sewage treatment plant	-	1000	mg/L
3	propan-2-ol		67-63-0	200-661-7
	water	fresh water	140.9	mg/L
	water	Aqua intermittent	140.9	mg/L
	water	marine water	140.9	mg/L
	water	fresh water sediment	552	mg/L
	water	marine water sediment	552	mg/L
	soil	-	28	mg/kg
	sewage treatment plant	-	2251	mg/L
	secondary poisoning	-	160	mg/kg
	with reference to: food			

8.2 Exposure controls

Appropriate engineering controls

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. Short term: filter apparatus, combination filter A-P2

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	butyl rubber		
Material thickness	>	0.11	mm
Breakthrough time	>	120	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

Form/Colour	
liquid	
colourless	
Odour	
characteristic	
Odour threshold	
No data available	
pH value	
Value	2.1 - 2.6
Reference temperature	20 °C
Boiling point / boiling range	
Value	100 °C

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
No data available			
Auto-ignition temperature			
Comments		Product is not selfigniting.	
Oxidising properties			
not fire-propagating			
Explosive properties			
Product does not present an explosion hazard.			
Flammability (solid, gas)			
Not applicable			
Lower flammability or explosive limits			
No data available			
Upper flammability or explosive limits			
No data available			
Vapour pressure			
Value	2.3	kPa	
Reference temperature	20	°C	
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	1.04	g/cm ³	
Reference temperature	20	°C	
Solubility in water			
Comments		Completely miscible	
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water			
No	Substance name	CAS no.	EC no.
1	citric acid monohydrate	5949-29-1	201-069-1
log Pow		-0.2	- 1.8
2	propan-2-ol	67-63-0	200-661-7
log Pow		0.05	
Reference temperature		25 °C	
Source		ECHA	
Viscosity			
No data available			

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

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

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6
LD50	>	7000	mg/kg bodyweight
Species	rat		
with reference to	CAS 28348-53-0		
Method	OECD 401		
Source	ECHA		
2	citric acid monohydrate	5949-29-1	201-069-1
LD50	>	5400	mg/kg bodyweight
Species	mouse		
Method	OECD 401		
Source	ECHA		
3	propan-2-ol	67-63-0	200-661-7
LD50	>	5840	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
with reference to	CAS 28348-53-0		
Method	OECD 402		
Source	ECHA		
2	citric acid monohydrate	5949-29-1	201-069-1
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6
LC50	>	6.41	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

with reference to Source	CAS 28348-53-0 ECHA		
2	propan-2-ol	67-63-0	200-661-7
LC50	>	10000	ppmV
Duration of exposure		6	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6
Species	rabbit		
with reference to	CAS 28348-53-0		
Method	OECD 404		
Source	ECHA		
Evaluation	low-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	citric acid monohydrate	5949-29-1	201-069-1
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
3	propan-2-ol	67-63-0	200-661-7
Species	rabbit		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
2	citric acid monohydrate	5949-29-1	201-069-1
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
3	propan-2-ol	67-63-0	200-661-7
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6
Route of exposure	Skin		
Species	guinea pig		
with reference to	CAS 28348-53-0		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
2	propan-2-ol	67-63-0	200-661-7
Route of exposure	Skin		

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

Species	guinea pig
Method	OECD 406
Source	ECHA
Evaluation	non-sensitizing
Evaluation/classification	Based on available data, the classification criteria are not met.

Germ cell mutagenicity

No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6

Type of examination with reference to	Chromosome aberration test
Method	CAS 28348-53-0
Source	OECD 474
Evaluation/classification	ECHA
	Based on available data, the classification criteria are not met.

2	propan-2-ol	67-63-0	200-661-7
---	-------------	---------	-----------

Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7

Route of exposure	inhalational
-------------------	--------------

Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Aspiration hazard

No data available

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)

No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7

LC50	9640	mg/l
Duration of exposure	96	h
Species	Pimephales promelas	
Method	OECD 203	
Source	ECHA	

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No	Substance name	CAS no.	EC no.
1	citric acid monohydrate	5949-29-1	201-069-1

EC50	1535	mg/l
Duration of exposure	48	h
Species	Daphnia magna	
Source	ECHA	

2	propan-2-ol	67-63-0	200-661-7
---	-------------	---------	-----------

EC50	>	10000	mg/l
Duration of exposure		24	h
Species	Daphnia magna		

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

Method	OECD 202
Source	ECHA

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

Biodegradability

No	Substance name	CAS no.	EC no.
1	propan-2-ol	67-63-0	200-661-7
Type	BOD/COD		
Value		53	%
Duration		5	day(s)
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water

No	Substance name	CAS no.	EC no.
1	citric acid monohydrate	5949-29-1	201-069-1
log Pow	-0.2	-	1.8
2	propan-2-ol	67-63-0	200-661-7
log Pow		0.05	
Reference temperature		25	°C
Source	ECHA		

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 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. 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

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

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

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, PREPARATIONS AND ARTICLES

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

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

This product is not subject to Part 1 or 2 of Annex I.

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)

VOC content	0	%
-------------	---	---

Other regulations

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

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

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.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

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

EU safety data sheet

Trade name: KRONES colclean CD 2005

Current version : 1.0.0, issued: 10.07.2020

Replaced version: -, issued: -

Region: GB

sections)

H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Department issuing 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.

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

Prod-ID 760838