

# EU safety data sheet

**Trade name:** KRONES colclean FC 3001

**Current version :** 1.0.3, issued: 10.05.2024

**Replaced version:** 1.0.2, issued: 08.04.2022

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**KRONES colclean FC 3001**

### 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

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)**

Acute Tox. 4; H302

Aquatic Chronic 3; H412

Eye Dam. 1; H318

Met. Corr. 1; H290

Skin Corr. 1; H314

**Classification information**

Product is classified as "Corrosive" based on the extreme pH-value, see:

- Regulation 1272/2008 (CLP), Annex. I, number 3.2.2.2 / 3.2.3.1.2

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**



GHS05



GHS07

**Signal word**

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**Region:** GB

Danger

**Hazardous component(s) to be indicated on label:**

phosphoric acid

**Hazard statement(s)**

H290 May be corrosive to metals.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statement(s)**

P260 Do not breathe mist/vapours/spray.  
 P264 Wash thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/doctor.

**2.3 Other hazards**

PBT assessment  
 The product is not considered to be a PBT.  
 vPvB assessment  
 The product is not considered to be a vPvB.

## 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	<b>phosphoric acid</b>			
	7664-38-2 231-633-2 015-011-00-6 01-2119485924-24	Met. Corr. 1; H290 Skin Corr. 1B; H314 Acute Tox. 4; H302 Eye Dam. 1; H318	>= 25.00 - < 50.00	wt%
2	<b>Isotridecanol, ethoxylated</b>			
	9043-30-5 - - -	Acute Tox. 4; H302 Eye Dam. 1; H318	>= 10.00 - < 25.00	wt%
3	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>			
	- 931-292-6 - 01-2119490061-47	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Eye Dam. 1; H318 Skin Irrit. 2; H315	< 5.00	wt%

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	B	Skin Irrit. 2; H315: C >= 10% Eye Irrit. 2; H319: C >= 10% Skin Corr. 1B; H314: C >= 25% Eye Dam. 1; H318: C >= 25%	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

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Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
1	500 mg/kg bodyweight		
3	1064 mg/kg bodyweight		

## 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.

#### 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. Call a doctor immediately.

#### 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 the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Symptoms

burns

### 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

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

#### 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: Toxic gases/vapours; Carbon monoxide and carbon dioxide; Phosphorus oxides; Nitrogen oxides (NOx)

### 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. Remove persons to safety. Avoid breathing vapours.

#### 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

# EU safety data sheet

Trade name: KRONES colclean FC 3001

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Replaced version: 1.0.2, issued: 08.04.2022

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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. Have emergency shower available. Provide eye wash fountain in work area. Use barrier skin cream.

### 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.

#### 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

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	phosphoric acid	7664-38-2	231-633-2
<b>List of approved workplace exposure limits (WELs) / EH40</b>			
Orthophosphoric acid			
	WEL short-term (15 min reference period)	2	mg/m <sup>3</sup>
	WEL long-term (8-hr TWA reference period)	1	mg/m <sup>3</sup>
<b>2000/39/EC</b>			
Orthophosphoric acid			
	WEL short-term (15 min reference period)	2	mg/m <sup>3</sup>
	WEL long-term (8-hr TWA reference period)	1	mg/m <sup>3</sup>

#### DNEL, DMEL and PNEC values

##### DNEL values (worker)

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	phosphoric acid			7664-38-2 231-633-2
	inhalative	Long term (chronic)	local	1 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	2 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	10.7 mg/m <sup>3</sup>

# EU safety data sheet

Trade name: KRONES colclean FC 3001

Current version : 1.0.3, issued: 10.05.2024

Replaced version: 1.0.2, issued: 08.04.2022

Region: GB

2	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>			-	
				<b>931-292-6</b>	
	dermal	Long term (chronic)	systemic	11	mg/kg/day
	inhalative	Long term (chronic)	systemic	6.2	mg/m <sup>3</sup>

## DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>phosphoric acid</b>			<b>7664-38-2</b> <b>231-633-2</b>	
	oral	Long term (chronic)	systemic	0.1	mg/kg/day
	inhalative	Long term (chronic)	local	0.36	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	4.57	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	0.36	mg/m <sup>3</sup>
2	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>			<b>-</b> <b>931-292-6</b>	
	oral	Long term (chronic)	systemic	0.44	mg/kg/day
	dermal	Long term (chronic)	systemic	5.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	1.53	mg/m <sup>3</sup>

## PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>		<b>-</b> <b>931-292-6</b>	
	water	fresh water	0.034	mg/L
	water	marine water	0.003	mg/L
	water	Aqua intermittent	0.034	mg/L
	water	fresh water sediment	5.24	mg/kg dry weight
	water	marine water sediment	0.524	mg/kg dry weight
	soil	-	1.02	mg/kg dry weight
	sewage treatment plant	-	24	mg/L
	secondary poisoning	-	11.1	mg/kg 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. Multi-purpose filter ABEK; Short term: filter apparatus, 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	>=	0.5	mm
Breakthrough time	>=	480	min
Appropriate Material	viton		
Material thickness	>=	0.4	mm

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Trade name: KRONES colclean FC 3001

Current version : 1.0.3, issued: 10.05.2024

Replaced version: 1.0.2, issued: 08.04.2022

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Breakthrough time	>=	480	min
Appropriate Material	nitrile rubber		
Material thickness	>=	0.35	mm
Breakthrough time	>=	480	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

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
yellowish	
<b>Odour</b>	
characteristic	
<b>pH value</b>	
Value	2
<b>Boiling point / boiling range</b>	
Value	> 100 °C
<b>Melting point/freezing point</b>	
Value	< 0 °C
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
No data available	
<b>Ignition temperature</b>	
No data available	
<b>Auto-ignition temperature</b>	
Comments	Product is not selfigniting.
<b>Oxidising properties</b>	
not oxidizing	
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	
<b>Vapour pressure</b>	
No data available	
<b>Relative vapour density</b>	
No data available	
<b>Relative density</b>	
Value	1.2
<b>Density</b>	

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Replaced version: 1.0.2, issued: 08.04.2022

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No data available

## Solubility in water

Comments Completely miscible

## Solubility

No data available

## Partition coefficient n-octanol/water (log value)

No	Substance name	CAS no.	EC no.
1	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	-	931-292-6
log Pow		<	2.7
Method		calculated	
Source		ECHA	

## Kinematic viscosity

No data available

## Particle characteristics

No data available

## 9.2 Other information

### Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

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

### 10.3 Possibility of hazardous reactions

Reactions with metals, with evolution of hydrogen.

### 10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

### 10.5 Incompatible materials

Bases; Oxidizing agents; Metals

### 10.6 Hazardous decomposition products

None, if handled according to intended use.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity (result of the ATE calculation for the mixture)

No	Product Name
1	KRONES colclean FC 3001
ATE (Mixture)	1107.18 mg/kg
Method	Calculation method according Regulation (EC) No 1272/2008, (CLP), annex I, part 3, section 3.1.3.6.

#### Acute oral toxicity

No	Substance name	CAS no.	EC no.
1	phosphoric acid	7664-38-2	231-633-2
LD50	300	-	2000 mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		

# EU safety data sheet

Trade name: KRONES colclean FC 3001

Current version : 1.0.3, issued: 10.05.2024

Replaced version: 1.0.2, issued: 08.04.2022

Region: GB

<b>2</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>	-	<b>931-292-6</b>
LD50		1064	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are met.		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>	-	<b>931-292-6</b>
LD50		> 2000	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute inhalational toxicity	
No data available	

Skin corrosion/irritation	
No data available	

Serious eye damage/irritation	
No data available	

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>	-	<b>931-292-6</b>
Route of exposure	Skin		
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.
<b>1</b>	<b>phosphoric acid</b>	<b>7664-38-2</b>	<b>231-633-2</b>
Type of examination	in vitro gene mutation study in bacteria		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>	-	<b>931-292-6</b>
Type of examination	In vitro Mammalian Cell Micronucleus Test		
Species	Human Lymphocyte		
Method	OECD 478		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>phosphoric acid</b>	<b>7664-38-2</b>	<b>231-633-2</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>	-	<b>931-292-6</b>
Route of exposure	oral		
Type of examination	Reproduction/Developmental Toxicity Screening Test		
Species	rat		
Method	OECD 422		

# EU safety data sheet

Trade name: KRONES colclean FC 3001

Current version : 1.0.3, issued: 10.05.2024

Replaced version: 1.0.2, issued: 08.04.2022

Region: GB

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

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	-	931-292-6
Route of exposure		oral	
Species		rat	
Method		OECD 451	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure	
No data available	

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	phosphoric acid	7664-38-2	231-633-2
Route of exposure		oral	
Species		rat	
Method		OECD 422	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	-	931-292-6
Route of exposure		oral	
Species		rat	
Method		OECD 408	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard	
No data available	

## 11.2 Information on other hazards

### Endocrine disrupting properties

No data available.

### Other information

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

Toxicity to fish (acute)				
No	Substance name	CAS no.	EC no.	
1	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	-	931-292-6	
LC50		2.67	- 3.46	mg/l
Duration of exposure			96	h
Species		Pimephales promelas		
Method		APHA Standard Method (1971)		
Source		ECHA		

Toxicity to fish (chronic)	
No data available	

Toxicity to Daphnia (acute)				
No	Substance name	CAS no.	EC no.	
1	phosphoric acid	7664-38-2	231-633-2	
EC50		>	100	mg/l
Duration of exposure			48	h

# EU safety data sheet

**Trade name:** KRONES colclean FC 3001

**Current version :** 1.0.3, issued: 10.05.2024

**Replaced version:** 1.0.2, issued: 08.04.2022

**Region:** GB

Species	Daphnia magna
Method	OECD 202
Source	ECHA
<b>2</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides - 931-292-6</b>
EC50	10.5 mg/l
Duration of exposure	48 h
Species	Daphnia magna
Method	OECD 202
Source	ECHA

## Toxicity to Daphnia (chronic)

No data available

## Toxicity to algae (acute)

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>phosphoric acid</b>	<b>7664-38-2</b>	<b>231-633-2</b>
EC50	>	100	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
<b>2</b>	<b>Isotridecanol, ethoxylated</b>	<b>9043-30-5</b>	<b>-</b>
EC50	1	- 10	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	supplier		
<b>3</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>	<b>-</b>	<b>931-292-6</b>
ErC50		0.86	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

## Toxicity to algae (chronic)

No data available

## Bacteria toxicity

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>phosphoric acid</b>	<b>7664-38-2</b>	<b>231-633-2</b>
EC50	>	1000	mg/l
Duration of exposure		3	h
Species	activated sludge		
Method	OECD 209		
Source	ECHA		

## 12.2 Persistence and degradability

### Biodegradability

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Isotridecanol, ethoxylated</b>	<b>9043-30-5</b>	<b>-</b>
Value	>	60	%
Method	OECD 301 B		
Source	Literature value		
<b>2</b>	<b>Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides</b>	<b>-</b>	<b>931-292-6</b>
Value		90	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		

### Abiotic Degradation

# EU safety data sheet

Trade name: KRONES colclean FC 3001

Current version : 1.0.3, issued: 10.05.2024

Replaced version: 1.0.2, issued: 08.04.2022

Region: GB

No	Substance name	CAS no.	EC no.
1	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	-	931-292-6
Type		Hydrolysis	
Method		OECD 111	
Source		ECHA	
Evaluation/classification		stable	

## 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	-	931-292-6
log Pow		<	2.7
Method		calculated	
Source		ECHA	

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The product is not considered to be a PBT.
vPvB assessment	The product is not considered to be a vPvB.

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

No data available.

## 12.8 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

Residues 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

### 14.1 UN number or ID number

ADR/RID/ADN	UN3264
IMDG	UN3264
ICAO-TI / IATA	UN3264

### 14.2 UN proper shipping name

ADR/RID/ADN	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical name	phosphoric acid
IMDG	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical name	phosphoric acid
ICAO-TI / IATA	Corrosive liquid, acidic, inorganic, n.o.s.

# EU safety data sheet

Trade name: KRONES colclean FC 3001

Current version : 1.0.3, issued: 10.05.2024

Replaced version: 1.0.2, issued: 08.04.2022

Region: GB

Technical name phosphoric acid

## 14.3 Transport hazard class(es)

**ADR/RID/ADN - Class** 8  
Label 8  
Classification code C1  
Tunnel restriction code E  
Hazard identification no. 80

**IMDG - Class** 8  
Label 8

**ICAO-TI / IATA - Class** 8  
Label 8

## 14.4 Packing group

**ADR/RID/ADN** II  
**IMDG** II  
**ICAO-TI / IATA** II

## 14.5 Environmental hazards

EmS F-A, S-B

## 14.6 Special precautions for user

No data available.

## 14.7 Maritime transport in bulk according to IMO instruments

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, MIXTURES AND ARTICLES**

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

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	phosphonic acid	13598-36-2	237-066-7	75
2	phosphoric acid	7664-38-2	231-633-2	75

##### **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.

##### **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 been carried out for the following substance/s in this mixture:

CAS no. 13598-36-2

## SECTION 16: Other information

# EU safety data sheet

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**Trade name:** KRONES colclean FC 3001

**Current version :** 1.0.3, issued: 10.05.2024

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**Region:** GB

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**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

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

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 sections)**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
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**Creation of the safety data sheet**

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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.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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