

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 23/01/2019 Revision date: 23/01/2019 Version: 1.00

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

1.1. Product identifier

Trade name : KRONES colclean CD 1005
Type of product : Detergent

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Industrial uses
Cleaner

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

KIC KRONES Internationale Cooperationsgesellschaft mbH
Böhmerwaldstraße 5
93073 Neutraubling
T +49 9401 70-3020 - F +49 9401 70-3696
kic@kic-krones.com - www.kic-krones.com

Email competent person

sds@kft.de

1.4. Emergency telephone number

Emergency number : For Hazardous Materials [or Dangerous Goods] Incidents
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Corrosive to metals, Category 1 H290
Skin corrosion/irritation, Category 1A H314
Serious eye damage/eye irritation, Category 1 H318
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

May be corrosive to metals. Causes serious eye damage. Causes severe skin burns and eye damage.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Hazardous ingredients :

1-Hydroxyethane-1,1-diphosphonic acid; Potassium hydroxide; sodium hydroxide

Hazard statements (CLP) :

H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) :

P260 - Do not breathe gas, mist, vapours, spray.
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 .
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, a doctor.
P390 - Absorb spillage to prevent material damage.

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Potassium hydroxide	(CAS-No.) 1310-58-3 (EC-No.) 215-181-3 (EC Index-No.) 019-002-00-8 (REACH-no) 01-2119487136-33-xxxx	>=10 - <20	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318
sodium hydroxide	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27-xxxx	>=10 - <20	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
trisodium nitrilotriacetate	(CAS-No.) 5064-31-3 (EC-No.) 225-768-6 (REACH-no) 01-2119519239-36-xxxx	>=2.5 - <5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Carc. 2, H351
1-Hydroxyethane-1,1-diphosphonic acid	(CAS-No.) 2809-21-4 (EC-No.) 220-552-8 (REACH-no) 01-2119510391-53-xxxx	>=2.5 - <5	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Potassium hydroxide	(CAS-No.) 1310-58-3 (EC-No.) 215-181-3 (EC Index-No.) 019-002-00-8 (REACH-no) 01-2119487136-33-xxxx	(0.5 =<C < 2) Eye Irrit. 2, H319 (0.5 =<C < 2) Skin Irrit. 2, H315 (2 =<C < 5) Skin Corr. 1B, H314 (5 =<C < 100) Skin Corr. 1A, H314
sodium hydroxide	(CAS-No.) 1310-73-2 (EC-No.) 215-185-5 (EC Index-No.) 011-002-00-6 (REACH-no) 01-2119457892-27-xxxx	(0.5 =<C < 2) Eye Irrit. 2, H319 (0.5 =<C < 2) Skin Irrit. 2, H315 (2 =<C < 5) Skin Corr. 1B, H314 (5 =<C < 100) Skin Corr. 1A, H314
trisodium nitrilotriacetate	(CAS-No.) 5064-31-3 (EC-No.) 225-768-6 (REACH-no) 01-2119519239-36-xxxx	(5 =<C < 100) Carc. 2, H351

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Burns.

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

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. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Metal oxides. Phosphorus oxides. Nitrogen oxides. Nitrous fumes.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe gas, mist, vapours, spray.

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".

6.2. Environmental precautions

Avoid release to the environment. Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
Other information : Disposal must be done according to official regulations.

6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

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. Avoid contact with skin and eyes. Do not breathe gas, mist, vapours, spray.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up.
Incompatible materials : Metals.
Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No additional information available

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Potassium hydroxide (1310-58-3)

United Kingdom	Local name	Potassium hydroxide
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

sodium hydroxide (1310-73-2)

United Kingdom	Local name	Sodium hydroxide
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

1-Hydroxyethane-1,1-diphosphonic acid (2809-21-4)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	34 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	12 mg/m ³

DNEL/DMEL (General population)

Acute - systemic effects, oral	1.7 mg/kg bodyweight
Long-term - systemic effects, oral	1.7 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.95 mg/m ³
Long-term - systemic effects, dermal	17 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	0.068 mg/l
PNEC aqua (marine water)	0.007 mg/l

PNEC (Sediment)

PNEC sediment (freshwater)	136 mg/kg dwt
PNEC sediment (marine water)	13.6 mg/kg dwt

PNEC (Soil)

PNEC soil	10 mg/kg dwt
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PNEC (Oral)

PNEC oral (secondary poisoning)	3.7 mg/kg food
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PNEC (STP)

PNEC sewage treatment plant	40 mg/l
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Potassium hydroxide (1310-58-3)

DNEL/DMEL (Workers)

Long-term - systemic effects, inhalation	1 mg/m ³
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DNEL/DMEL (General population)

Long-term - systemic effects, inhalation	1 mg/m ³
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sodium hydroxide (1310-73-2)

DNEL/DMEL (Workers)

Long-term - local effects, inhalation	1 mg/m ³
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DNEL/DMEL (General population)

Long-term - local effects, inhalation	1 mg/m ³
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KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

trisodium nitrilotriacetate (5064-31-3)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	9.6 mg/m ³
Long-term - systemic effects, inhalation	3.2 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	2.4 mg/m ³
Acute - systemic effects, oral	0.9 mg/kg bodyweight
Long-term - systemic effects, oral	0.3 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0.8 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.93 mg/l
PNEC aqua (marine water)	0.093 mg/l
PNEC aqua (intermittent, freshwater)	0.8 mg/l
PNEC (STP)	
PNEC sewage treatment plant	270 mg/l

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection:

Chemically resistant protective gloves. Nitrile rubber. EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

Eye protection:

Wear closed safety glasses. EN 166. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure

Skin and body protection:

Wear suitable protective clothing. EN 340. EN 13034

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus with filter. ABEK-P2. EN 143. Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust.

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available

9.2. Other 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. Contact with metals produces hydrogen gas which may form explosive mixtures with air. This product is corrosive to metals.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

metals. Strong oxidizing agent. Strong acids. ammonium salts.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition can lead to the release of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

ATE CLP (oral)	2393 mg/kg bodyweight
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1-Hydroxyethane-1,1-diphosphonic acid (2809-21-4)

LD50 oral rat	1878 mg/kg bodyweight (OECD 401 method)Calculation method
LD50 dermal rabbit	> 5000 mg/kg bodyweight (OECD 402 method)

Potassium hydroxide (1310-58-3)

LD50 oral rat	333 mg/kg (OECD 425 method)
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trisodium nitrilotriacetate (5064-31-3)

LD50 oral rat	1470 mg/kg (female; (OECD 401 method))
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KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
Acute aquatic toxicity	: Not classified (Based on available data, the classification criteria are not met)
Chronic aquatic toxicity	: Not classified (Based on available data, the classification criteria are not met)

12.2. Persistence and degradability

KRONES colclean CD 1005	
Persistence and degradability	No additional information available.

Potassium hydroxide (1310-58-3)	
Persistence and degradability	Not applicable for inorganic substances.

sodium hydroxide (1310-73-2)	
Persistence and degradability	Not applicable for inorganic substances.

12.3. Bioaccumulative potential

1-Hydroxyethane-1,1-diphosphonic acid (2809-21-4)	
Log Pow	-3.5

Potassium hydroxide (1310-58-3)	
Bioaccumulative potential	Not applicable for inorganic substances.

sodium hydroxide (1310-73-2)	
Bioaccumulative potential	Not applicable for inorganic substances.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

KRONES colclean CD 1005	
PBT: not relevant – no registration required	
vPvB: not relevant – no registration required	
Component	
1-Hydroxyethane-1,1-diphosphonic acid (2809-21-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Potassium hydroxide (1310-58-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
sodium hydroxide (1310-73-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods






: Disposal must be done according to official regulations. European waste catalogue. Do not dispose of with domestic waste. Do not discharge into drains or the environment.

HP Code

: HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
HP8 - "Corrosive:" waste which on application can cause skin corrosion.

SECTION 14: Transport information

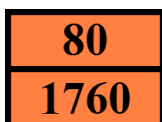
In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1760	UN 1760	UN 1760	UN 1760	UN 1760
14.2. UN proper shipping name				
CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide)	CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide)	Corrosive liquid, n.o.s. (Potassium hydroxide ; sodium hydroxide)	CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide)	CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide)
Transport document description				
UN 1760 CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide), 8, II, (E)	UN 1760 CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide), 8, II	UN 1760 Corrosive liquid, n.o.s. (Potassium hydroxide ; sodium hydroxide), 8, II	UN 1760 CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide), 8, II	UN 1760 CORROSIVE LIQUID, N.O.S. (Potassium hydroxide ; sodium hydroxide), 8, II
14.3. Transport hazard class(es)				
8	8	8	8	8
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : C9
Special provisions (ADR) : 274
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2
Transport category (ADR) : 2
Hazard identification number (Kemler No.) : 80
Orange plates :



KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Tunnel restriction code (ADR) : E
EAC code : 2X
APP code : B

Transport by sea

Special provisions (IMDG) : 274
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage and handling (IMDG) : SW2

Air transport

PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y840
PCA limited quantity max net quantity (IATA) : 0.5L
PCA packing instructions (IATA) : 851
PCA max net quantity (IATA) : 1L
CAO max net quantity (IATA) : 30L
Special provisions (IATA) : A3, A803

Inland waterway transport

Classification code (ADN) : C9
Special provisions (ADN) : 274
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E2
Carriage permitted (ADN) : T

Rail transport

Classification code (RID) : C9
Special provisions (RID) : 274
Limited quantities (RID) : 1L
Excepted quantities (RID) : E2
Transport category (RID) : 2
Hazard identification number (RID) : 80

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

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	KRONES colclean CD 1005
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Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Other information, restriction and prohibition regulations : Take note of Directive 94/33/EC on the protection of young people at work. Regulation (EC) No. 648/2004 of 31 March 2004 on detergents.

Detergent Regulation : Labelling of contents:

Component	%
phosphonates, anionic surfactants, NTA (nitrilotriacetic acid) and salts thereof	<5%

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources : MSDSs of the suppliers. ECHA (European Chemicals Agency).

Department issuing data : KFT Chemieservice GmbH
specification sheet: Im Leuschnerpark, 3 64347 Griesheim
Postfach 1451 64345 Griesheim
Germany

Phone: +49 6155-8981-400 Fax: +49 6155 8981-500
Safety Data Sheet Service: +49 6155 8981-522

Contact person : Dr. Barbara Ridder

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1

KRONES colclean CD 1005

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Met. Corr. 1	H290	Expert judgment
Skin Corr. 1A	H314	Calculation method
Eye Dam. 1	H318	Calculation method

KFT SDS EU 00

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