

# Quintab Clean

Version number: 3  
Issued: 2021-09-03  
Replaces SDS: 2020-06-08



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

### 1.1. Product identifier

**Trade name**

Quintab Clean

**UFI code**

EUYT-0YJR-9Q2T-V626

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

**Relevant identified uses**

Floor cleaner for machine application for professional users.

**Not suitable for use in**

All other uses are discouraged.

### 1.3. Details of the supplier of the safety data sheet

**Supplier**

KLEEN PURGATIS GmbH

Street address

Dieselstraße 10  
32120 Hiddenhausen  
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Fax

+49 (0) 5223 9970-195

Web site

<https://www.kleenpurgatis.de>

**Contact person**

Regulatory Affairs

**Email address**

info@budich.de

### 1.4. Emergency telephone number

+49 (0)551 - 19240 (GIZ-Nord)

**Available outside office hours**

Yes

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

#### Hazard classes

Skin irritation, hazard category 2

Eye irritation, hazard category 2

#### Hazard statements

H315, H319

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Warning

#### Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

#### Precautionary statements

P264 Wash hands thoroughly after handling.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
sodium carbonate	497-19-8 207-838-8 01-2119485498-19-xxxx 011-005-00-2	25 - 50%	Eye Irrit. 2	H319 - -	-
citric acid	77-92-9 201-069-1 01-2119457026-42-xxxx -	25 - 50%	Eye Irrit. 2	H319 - -	-
potassium carbonate	584-08-7 209-529-3 01-2119532646-36-xxxx -	10 - <20%	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3 - resp. tract irrit.	H315, H319, H335 - -	-
Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block	196823-11-7 677-779-4 - -	5 - 10%	Eye Irrit. 2	H319 - -	-

#### **Substance additional information**

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First responders: Pay attention to self-protection.

#### **Inhalation**

Not applicable.

#### **Skin contact**

Wash off with soap and water. In the case of skin irritation or allergic reactions see a physician.

#### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

#### **Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if necessary.

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## **Information for doctors**

Show this safety data sheet to the doctor in attendance.

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

Immediate effects can be expected after long-term exposure.

### **Inhalation**

Not applicable.

### **Skin contact**

Skin rashes, Skin irritation

### **Eye contact**

Eye irritation, Cloudy / blurred field of vision, excessive lachrymation

### **Ingestion**

Nausea, vomiting, Stomach/intestinal disorders

## **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

water spray, extinguishing powder, foam or carbon dioxide . Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

### **5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition products formed under fire conditions.

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighters**

In the event of fire, wear self contained breathing apparatus.

### **Other**

#### **Measures in case of fire**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protective equipment. Avoid direct contact with the material / product.

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## 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

## 6.3. Methods and material for containment and cleaning up

Use mechanical handling equipment. Dispose of as hazardous waste in compliance with local and national regulations.

## 6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Avoid direct contact with the material / product. Wear personal protective equipment.

#### General hygiene

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a place accessible by authorized persons only.

Keep in a dry, cool place.

Storage class according to TRGS 510: 13 (non-combustible solids)

Store in original container.

Storage temperature: 10°C to 40°C

### 7.3. Specific end use(s)

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
sodium carbonate (497-19-8/207-838-8)	DNEL	Chronic (long term) Inhalation	10 mg/m <sup>3</sup>	Workers	Local
sodium carbonate (497-19-8/207-838-8)	DNEL	Chronic (long term) Inhalation	10 mg/m <sup>3</sup>	Workers	Local
potassium carbonate (584-08-7/209-529-3)	DNEL	Chronic (long term) Inhalation	10 mg/m <sup>3</sup>	Workers	Local

#### PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Citric acid (77-92-9/201-069-1)	PNEC	Freshwater	0.44 mg/l
Citric acid (77-92-9/201-069-1)	PNEC	Marine water	0.044 mg/l
Citric acid (77-92-9/201-069-1)	PNEC	Sewage Treatment Plant	1000 mg/l
Citric acid (77-92-9/201-069-1)	PNEC	Sediment (freshwater)	34.6 mg/kg
Citric acid (77-92-9/201-069-1)	PNEC	Sediment (marine water)	3.46 mg/kg
Citric acid (77-92-9/201-069-1)	PNEC	Soil	33.1 mg/kg

### 8.2. Exposure controls

#### Appropriate engineering controls

Not required.

#### Eye / face protection

Chemical-resistant safety glasses with side protection (EN 166)

#### Hand protection

Chemical-resistant protective gloves (EN 374)

#### Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

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## **Respiratory protection**

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

## **Thermal hazards**

Not applicable.

## **Environmental exposure controls**

No special environmental precautions required.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

#### **Physical state**

Tablet

#### **Colour**

Blue

#### **Odour**

fresh scent

#### **Odour threshold**

Not determined for the mixture.

#### **Melting point / freezing point**

Not applicable.

#### **Boiling point or initial boiling point and boiling range**

Not applicable.

#### **Flammability**

Not applicable.

#### **Lower and upper explosion limit**

The product / mixture has no explosive properties.

#### **Flash point**

No data available

#### **Auto-ignition temperature**

Not applicable.

#### **Decomposition temperature**

Not determined for the mixture.

#### **pH**

9

#### **Method**

1 % aqueous solution

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## Kinematic viscosity

Not applicable.

## Viscosity, dynamic

Not applicable.

## Solubility

Water soluble

## Water solubility

completely soluble

## Partition coefficient n-octanol/water

Not determined for the mixture.

## Vapour pressure

Not applicable.

## Density and/or relative density

Not determined for the mixture.

## Relative density

Not determined for the mixture.

## Relative vapour density

Not applicable.

## Evaporation Rate

Not applicable.

## Explosive properties

The product / mixture has no explosive properties.

## Oxidising properties

The product / mixture has no oxidizing properties.

## VOC %

< 3 %

## 9.2. Other information

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal use.

### 10.2. Chemical stability

Stable at normal conditions



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### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Protect from moisture. Protect from frost, heat and sunlight.

### 10.5. Incompatible materials

Oxidizing agent , strong acids and strong bases

### 10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

Hazardous decomposition products formed under fire conditions.

## SECTION 11: Toxicological information

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

Toxicology data for the components :

#### Acute toxicity

Based on the available data, the classification criteria are not met.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline	Remarks
sodium carbonate 497-19-8 / 207-838-8	LD50	2.800 mg/kg	Oral	-	rat	-	-
sodium carbonate 497-19-8 / 207-838-8	LD50	>2.000mg/kg	Dermal	-	rabbit	-	-
sodium carbonate 497-19-8 / 207-838-8	LC50	2.300 mg/m <sup>3</sup>	Inhalativ	2h	rat	-	-
Citric acid 77-92-9 / 201-069-1	LD50	5.400 mg/kg	Oral	-	mouse	OECD test guideline401	ECHA
Citric acid 77-92-9 / 201-069-1	LD50	>2.000 mg/kg	Dermal	-	rat	OECD test guideline 402	ECHA

#### Skin corrosion/irritation

Skin irritation, hazard category 2

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**Serious eye damage/irritation**

Eye irritation, hazard category 2

**Respiratory or skin sensitisation**

Based on the available data, the classification criteria are not met.

**Germ cell mutagenicity**

No data available

**Mutagenicity**

Based on the available data, the classification criteria are not met.

**Carcinogenicity**

Based on the available data, the classification criteria are not met.

**Reproductive toxicity**

Based on the available data, the classification criteria are not met.

**STOT-single exposure**

Based on the available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on the available data, the classification criteria are not met.

**Aspiration hazard**

Based on the available data, the classification criteria are not met.

**11.2. Information on other hazards****Endocrine disrupting properties**

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

**SECTION 12: Ecological information****12.1. Toxicity****Acute fish toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
sodium carbonate 497-19-8 / 207-838-8	LC50	300 mg/l	96h	Lepomis macrochirus	-	-
Citric acid 77-92-9	LC50	440 mg/l	48 h	Golden orfe	OECD test guideline 203	ECHA

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## Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Remark
Citric acid 77-92-9 / 201-069-1	LC50	1.535 mg/l	24 h	Daphnia magna (Water flea)	ECHA
sodium carbonate 497-19-8 / 207-838-8	EC50	200-227 mg/l	48h	Ceriodaphnia dubia	-

## 12.2. Persistence and degradability

### Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

## 12.3. Bioaccumulative potential

### Bioaccumulative potential

Product / Substance name CAS / EC no.	LogKow / LogPow
Citric acid 77-92-9 / 201-069-1	-0,2 - -1,8 (log KOW)

## 12.4. Mobility in soil

### Mobility

No information available

## 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

## 12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

According to Regulation (EC) No 1907/2006

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## 12.7. Other adverse effects

### Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

#### Packaging

Do not re-use empty containers. Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging : Dispose of as unused product.

Waste code	Description
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

## SECTION 14: Transport information

### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

### 14.3. Transport hazard class(es)

#### Label

Not classified as dangerous in the meaning of transport regulations.

### 14.4. Packing group

Not classified as dangerous in the meaning of transport regulations.

### 14.5. Environmental hazards

#### Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

### 14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

### 14.7. Maritime transport in bulk according to IMO instruments

Not classified as dangerous in the meaning of transport regulations.

### Other

No data available

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## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: 5 - 15% nonionic surfactants, <5 % phosphonates, perfumes (BENZYL SALICYLATE, LINALOOL).

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

Substances subject to authorization according to Annex XIV: No

Substance restrictions according to Annex XVII: No

Substances on the REACH candidate list (SVHC): No

Regulation (EC) No. 1272/2008 (CLP)

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: Not applicable.

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: Not applicable.

Notifiable raw materials according to Annex II: Not applicable.

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: Not applicable.

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: No

Directive 2012/18/EU (Seveso III)

Seveso hazard category: Not applicable.

#### National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

### 15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

## SECTION 16: Other information

#### Changes to previous revision

Adaptation to the amending regulation (EU) 2020/878

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## **Abbreviations**

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ADR - Accord relatif au transport international des marchandises Dangereuses par Route  
CAS - Chemical Abstract Service  
CLP - Classification, Labelling and Packaging  
DMEL - Derived Minimum Effect Level  
DNEL - Derived no effect level  
EC50 - Half maximal effective concentration 50%  
GHS - Globally Harmonised System  
IATA - International Air Transport Association  
IMDG - International Maritime Dangerous Goods  
LC50 - Lethal concentration 50%  
LD50 - Lethal dosis 50 %  
MARPOL - International Convention for the Prevention of Pollution from Ships  
PBT - Persistent, bioaccumulative and toxic substance  
PEC - Predicted Environmental Concentration  
PNEC - predicted no effect concentration  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses  
SVHC - Substance of very high concern  
vPvB - Very persistent, very bioaccumulative substance

## **References to key literature and data sources**

REACH registration dossiers  
ECHA C&L - Inventory  
Safety data sheets from raw material suppliers

## **Evaluation methods for classification**

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:  
Health hazards: calculation method

## **Phrase meaning**

Eye Irrit. 2 - Eye irritation, hazard category 2  
Skin Irrit. 2 - Skin irritation, hazard category 2  
STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

## **Other**

### **Additional information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

According to Regulation (EC) No 1907/2006

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## **Manufacturer's notes**

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.