

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 02.11.2022

Version number 1

Revision: 02.11.2022

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

- **1.1 Product identifier**
- **Product:** **QLEANTAB Grapefruit Bathroom / Badrum**
- **Formulation:** Qlean_3
- **UFI:** 9031-M04T-200Y-SJOV
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Cleaning material/ Detergent
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Qleantab AB
Kivra: 559086-0812
106 31 Stockholm,
Sweden
Tel.: +46 11 442 09 02
hello@qleantab.com
- **Further information obtainable from:** product safety department
- **1.4 Emergency telephone**
number: Poison Control Center in
Sweden Tel: 010-456 6700

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt (SODIUM LAURYL SULFOACETATE)
- **Hazard statements**
H318 Causes serious eye damage.
- **Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.

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- **Additional information:**
Contains LINALOOL. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

Description: Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 77-92-9 EINECS: 201-069-1 Reg.nr.: 01-2119457026-42	citric acid Eye Irrit. 2, H319	50-100%
CAS: 497-19-8 EINECS: 207-838-8 Reg.nr.: 01-2119485498-19	sodium carbonate Eye Irrit. 2, H319	10-25%
CAS: 15630-89-4 EINECS: 239-707-6 Reg.nr.: 01-2119457268-30	disodium carbonate, compound with hydrogenperoxide (2:3) Ox. Sol. 2, H272; Eye Dam. 1, H318; Acute Tox. 4, H302	10-25%
CAS: 68955-19-1 EINECS: 273-257-1 Reg.nr.: 01-2119490225-39	Sodium C12-C18 sulphate Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	2.5-10%
EC number: 939-512-2	Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt (SODIUM LAURYL SULFOACETATE) Eye Dam. 1, H318; Acute Tox. 4, H302; Aquatic Chronic 3, H412	2.5-10%
CAS: 78-70-6 EINECS: 201-134-4 Reg.nr.: 01-2119474016-42	Linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≤2.5%

SVHC Not applicable

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

oxygen-based bleaching agents, anionic surfactants	≥5 - <15%
perfumes (LINALOOL, GERANIOL)	<5%

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

General information: Take affected persons out of danger area and lay down.

After inhalation: Supply fresh air.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Not required.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Prevent formation of dust.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Protect from humidity and water.
Storage temperature: > 10°C; < 30°C
At normal room temperature and low humidity the shelf life is at minimum one year.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Storage class:** 11
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.

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· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

497-19-8 sodium carbonate

Inhalative	DNEL (worker, long-term, local)	10 mg/m ³ (human)
	DNEL (consumer, long-term, local)	10 mg/m ³ (human)

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)

Inhalative	DNEL (worker, long-term, local)	5 mg/m ³ (human)
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Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt (SODIUM LAURYL SULFOACETATE)

Oral	DNEL (consumer, long-term, systemic)	3.75 mg/kg (human)
Dermal	DNEL (worker, long-term, systemic)	9.375 mg/kg (human)
	DNEL (consumer, long-term, systemic)	4.6875 mg/kg (human)
Inhalative	DNEL (worker, long-term, systemic)	26.45 mg/m ³ (human)
	DNEL (consumer, long-term, systemic)	6.52 mg/m ³ (human)

· **PNECs**

77-92-9 citric acid

PNEC	1,000 mg/l (sewage treatment plant)
	0.044 mg/l (marine water)
	0.44 mg/l (fresh water)
PNEC	33.1 mg/kg (soil)
	3.46 mg/kg (marine water sediment)
	34.6 mg/kg (fresh water sediment)

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)

PNEC	16.24 mg/l (sewage treatment plant)
	0.035 mg/l (fresh water)
	0.035 mg/l (intermittent releases)

Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt (SODIUM LAURYL SULFOACETATE)

PNEC	0.00042 mg/l (marine water)
	0.0042 mg/l (fresh water)
	0.042 mg/l (periodic release)
PNEC	0.0479 mg/kg (soil)
	0.0253 mg/kg (marine water sediment)
	0.253 mg/kg (fresh water sediment)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages, and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

· **Respiratory protection:** Not necessary if room is well-ventilated

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In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Face protection



Tightly sealed goggles

· **Limitation and supervision of exposure into the environment**

No special precautions are necessary if used correctly.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Solid
Colour:	Light pink
Odour:	Product specific
Odour threshold:	Not determined.

pH-value at 20 °C:	4-5.5 (1%)
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· **Change in condition**

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

Flash point:	Not applicable.
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Flammability (solid, gas):	Not determined.
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Ignition temperature:	Not applicable.
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Product is not selfigniting.
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Explosive properties:	Product does not present an explosion hazard.
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· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapour pressure:	Not applicable.
· Density at 20 °C:	ca. 1.5 g/cm ³
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Soluble.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Protect from humidity and water.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

77-92-9 citric acid

Dermal LD50 >2,000 mg/kg (rat)

497-19-8 sodium carbonate

Oral LD50 2,800 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rabbit)

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)

Oral LD50 1,034 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (mouse)

68955-19-1 Sodium C12-C18 sulphate

Oral LD50 4,010 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rat)

Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt (SODIUM LAURYL SULFOACETATE)

Oral LD50 1,650 mg/kg (rat)

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Dermal LD50 >2,000 mg/kg (rat)

78-70-6 Linalool

Oral LD50 2,790 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Not applicable.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· **Aquatic toxicity:**

77-92-9 citric acid

LC50 760 mg/l/48h (leuciscus idus)

497-19-8 sodium carbonate

EC50 200-227 mg/l/48h (Ceriodaphnia spec.)

LC50 300 mg/l/96h (leporinus macrochirus)

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)

EC50 4.9 mg/l/48h (daphnia magna)

LC50 70.7 mg/l/96h (pimephales promelas)

Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt (SODIUM LAURYL SULFOACETATE)

EC50 7.9 mg/l/48h (daphnia)

LC50 4.2 mg/l/96h (fish)

· **Type of test Effective concentration Method Assessment**

Acetic acid, 2-sulfo-, mono-C12-14(even numbered)-alkyl esters, sodium salt (SODIUM LAURYL SULFOACETATE)

Oral NOAEL 750 mg/kg/d (rat)

· 12.2 Persistence and degradability

The single components are biodegradable

· 12.3 Bioaccumulative potential

No further relevant information available.

· 12.4 Mobility in soil

No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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· **12.6 Other adverse effects** No further relevant information available.

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:**

Non contaminated packagings may be recycled.
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

· **14.1 UN-Number**

· **ADR, IMDG, IATA** not regulated

· **14.2 UN proper shipping name**

· **ADR, IMDG, IATA** not regulated

· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** not regulated

· **14.4 Packing group**

· **ADR, IMDG, IATA** not regulated

· **14.5 Environmental hazards:**

· **Marine pollutant:** No

· **14.6 Special precautions for user** Not applicable.

SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations:**

· **Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles must be observed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

It is only determined to help in case of need to take safety measures. Existing laws and regulations have to be considered by the receiver of our products at his own responsibility.

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· **Relevant phrases**

H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Ox. Sol. 2: Oxidizing solids – Category 2
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1B: Skin sensitisation – Category 1B
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3