

S A F E T Y D A T A S H E E T

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2015/830)

Geberit AquaClean cleaning agent 2019

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

1.1. Product identifier

Product name Geberit AquaClean cleaning agent 2019
Product code 11716.0006.011/121203

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

Use of the Substance/Mixture Cleaning agent

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification Steinfels Swiss
Division der Coop Genossenschaft
St. Gallerstrasse 180
CH-8404 Winterthur
Tel : 052 234 44 00
Fax : 052 234 44 01
info@steinfels-swiss.ch

1.4. Emergency telephone number 145 (Tox Info Suisse)

Issuing date 01.07.2019

Version 3 (Previous versions: 2)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 The substance or mixture is not classified.

In accordance with Regulation (EC) No. 1272/2008 (CLP), the product does not need to be classified nor labelled.

Additional information For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements

Signal Word None.

Hazard Statements None.

Precautionary statements P102: Keep out of reach of children.

Supplemental information None.

Product identifier None.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Formulated product.

Components		CLP Classification	Product identifier
Citric Acid	5% - 10%	-	CAS-No.: 77-92-9 EC-No.: 201-069-1
Sodium Laureth Sulfate	1% - 2.5%	Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 3 H412	CAS-No.: 68891-38-3 EC-No.: 500-234-8

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move to fresh air. Consult a physician for severe cases.

Skin contact Wash hands with water as a precaution.

Eye contact	Rinse immediately with plenty of water, also under the eyelids. If easy to do, remove contact lens, if worn. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Consult a physician if necessary.
4.2. Most important symptoms and effects, both acute and delayed	Wash contaminated clothing before re-use. If symptoms persist, call a physician.
4.3. Indication of any immediate medical attention and special treatment needed	None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Any.
Extinguishing media which must not be used for safety reasons	High volume water jet.

5.2. Special hazards arising from the substance or mixture

The product is not flammable. During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.

5.3. Advice for firefighters

Special protective equipment for firefighters Standard procedure for chemical fires.

Specific methods Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel	Use personal protective equipment. Sweep up to prevent slipping hazard.
Advice for emergency responders	Handle in accordance with good industrial hygiene and safety practice.

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal. After cleaning, flush away traces with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	When using, do not eat, drink or smoke. Ingestion and prolonged exposure to skin and eyes should be avoided, as should inhalation of any generated vapours.
7.2. Conditions for safe storage, including any incompatibilities	Protect from frost. Keep away from direct sunlight.
7.3. Specific end use(s)	No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)	No data is available on the product itself.
Citric Acid (CAS 77-92-9)	
Switzerland - Occupational Exposure Limits - Developmental Risk Groups	Developmental Risk Group C
Switzerland - Occupational Exposure Limits - TWAs - (MAKs)	2 mg/m ³ TWA [MAK] (inhalable dust)
Switzerland - Occupational Exposure Limits - STELs - (KZWs)	4 mg/m ³ STEL [KZW] (inhalable dust)
Germany - DFG - Recommended Exposure Limits - TWAs (MAKs)	2 mg/m ³ TWA MAK (inhalable fraction)
Germany - DFG - Recommended Exposure Limits - Ceilings (Peak Limitations)	4 mg/m ³ Peak (respirable fraction)
Germany - TRGS 900 - Occupational Exposure Limits - TWAs (AGWs)	2 mg/m ³ TWA AGW (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, inhalable fraction, exposure factor 2)

8.2. Exposure controls

Appropriate engineering controls	Avoid contact with skin, eyes and clothing.
Personal protection equipment	
<i>Respiratory protection</i>	No special protective equipment required.
<i>Hand protection</i>	The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
<i>Eye protection</i>	Safety glasses.
<i>Skin and body protection</i>	Remove and wash contaminated clothing before re-use.
<i>Thermal hazards</i>	No special measures required.

Environmental exposure controls No special measures required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless.
Odour	Pleasant.
Odour Threshold	Not determined.
pH:	3.5
Melting point/range:	Not determined.
Boiling point/range:	Not determined.
Flash point:	100
Evaporation Rate:	Not determined.
Flammability:	Not determined.
Explosion limits:	Not determined.
Vapour pressure:	Not determined.
Vapor density:	Not determined.
Relative density:	1.045
Water solubility:	completely soluble
Partition coefficient (n-octanol/water):	Not determined.
Autoignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Viscosity:	Not determined.
Explosive properties:	not hazardous
Oxidising properties:	None

9.2. Other information

General Product Characteristics No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	No information available.
10.2. Chemical stability	No decomposition if stored and applied as directed.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	Not required.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	This product has no known adverse effect on human health. Citric Acid (CAS 77-92-9) Dermal LD50 Rat > 2000 mg/kg (EU_CLH) Oral LD50 Rat = 3 g/kg (NLM_CIP)
Skin corrosion/irritation	None.
Serious eye damage/eye irritation	Contact with eyes may cause irritation.
Respiratory / Skin Sensitisation	No data available.
Carcinogenicity	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	No data available.

SECTION 12: Ecological information

12.1. Toxicity	No data available.
Citric Acid (CAS 77-92-9) EU - Ecolabel (66/2010) - Detergent Ingredient Database - Anaerobic Degradation	Biodegradable under anaerobic conditions.
EU - Ecolabel (66/2010) - Detergent Ingredient Database - Aerobic Degradation	Readily biodegradable according to OECD guidelines.
Ecotoxicity - Freshwater Fish - Acute Toxicity Data	LC50 96 h Lepomis macrochirus 1516 mg/L (OECD_SIDS)
12.2. Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.

12.5. Results of PBT and vPvB assessment No information available.

12.6. Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated packaging Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

ADR/RID Not regulated.

IMDG Not regulated.

IATA Not regulated.

Further Information Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

Regulatory Information Ingredients according to Regulation (EC) 648/2004/EC:
>=30%: water
>=5%; <15%: acids
<5%: anionic surfactants, non-ionic surfactants, Preservative, Fragrances
Water contaminating class (WGK Germany) = 1.
VOC (CH) = 0.00765000

Citric Acid (CAS 77-92-9)

Switzerland - Biocides - Annex II - Active Substances - Minimum Purity 995 g/kg Sunset Date: 02/28/2028

Switzerland - Biocides - Annex II - Active Substances - Product Type Product Type: 2

EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC Product type: 2
Product type: 3

EU - Biocides (1062/2014) - Annex II Part 1 - Supported Substances 060 Product type 1 (201-069-1)

EU - Biocides (528/2012/EU) - Active Substances	2 - Disinfectants and algacides not intended for direct application to humans or animals (Commission Implementing Regulation 2016/1938/EU)
EU - REACH (1907/2006) - List of Registered Substances	Present
Sodium Laureth Sulfate (CAS 68891-38-3)	
EU - No-Longer Polymers List (67/548/EEC)	NLP No. 500-234-8 (>1<2.5 mol ethoxylated units)
EU - REACH (1907/2006) - List of Registered Substances	Present (<2.5 EO)
15.2. Chemical safety assessment	Not required.

SECTION 16: Other information

Revision Note	Safety datasheet sections which have been updated: 2,3,15,16.
Key or legend to abbreviations and acronyms	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)
Classification procedure	Calculation method.
Full text of phrases referred to under sections 2 and 3	H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects.
Further information	Take notice of the directions of use on the label.
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.