

SAFETY DATA SHEET**All surface cleaner- Anti microbial**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	07.05.2020
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1.1. Product identifier

Product name	All surface cleaner- Anti microbial
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance / preparation	All surface cleaner- anti microbial
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1.3. Details of the supplier of the safety data sheet

Company name	Synteko AB
Postal address	Olof Wijksväg 9
Postcode	SE-444 65
City	Jörlanda
Country	Sverige
Telephone number	0046 303-563 30
Fax	0046 303-563 32
Email	info@arboritec.com
Website	http://www.arboritec.com
Contact person	Jörgen Kaldemark

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: begär giftinformationscentral
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****2.2. Label elements**

Hazard pictograms (CLP)

Composition on the label	Quaternary ammonium compounds, benzyl C12-16 alkyl dimethyl, chlorides 0,1 < 0,2, Diethylene glycol monobutyl ether 0,2 < 0,3, Propan-2-ol isopropylalkohol isopropanol 0,2 < 0,3, Alcohols C12-14, ethoxylated (>2- 5EO)** 0,2 < 0,3
Signal word	Warning
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statements	P102 Keep out of reach of children. P280 Wear protective gloves / protective clothing / eye protection / face protection. 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 or doctor / physician. P501 Dispose of contents / container to an authorized waste treatment plant.
Supplemental label information	< 0,25 % Non-ionic surfactants, <0,25% Cationic surfactants, perfume

2.3. Other hazards

PBT / vPvB	This product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.
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SECTION 3: Composition / information on ingredients**3.2. Mixtures**

Substance	Identification	Classification	Contents	Notes
Quaternary ammonium compounds, benzyl C12-16 alkyl dimethyl, chlorides	CAS No.: 68424-85-1 EC No.: 270-325-2	Skin Corr. 1B; H319 Eye Dam. 1; H318 Acute Tox. 4 Aquatic Acute 1; H400; M-factor 10 Aquatic Chronic 1; H410	0,1 < 0,2	
Diethylene glycol monobutyl ether	CAS No.: 112-34-5 EC No.: 203-961-6 Index No.: 603-096-00-8	Eye Irrit. 2; H319	0,2 < 0,3	
Propan-2-ol isopropylalkohol isopropanol	CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0	Eye Irrit. 2; H319 STOT SE 3; H336 Flam. Liq. 2; H225	0,2 < 0,3	
Alcohols C12-14, ethoxylated (>2- 5EO) **	CAS No.: 68439-50-9 EC No.: 932-106-6	Acute Tox. 3; H302 Eye Dam. 1; H318 Aquatic Chronic 3; H412	0,2 < 0,3	
Substance comments	** SCL Specific concentration limits/ Specifika koncentrationers gränser > 1% Eye Dam. Kategori 1; H318 > 1% Eye Irrit. Kategori 2; H319			

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Inhalation	Use with adequate ventilation. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam powder, carbon dioxide
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Fire will produce dense black smoke. Decomposition products can be hazardous. At high temperatures create: Carbon monoxide (CO), carbon dioxide (CO ₂), smoke, nitrogen gases (NO _x).
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5.3. Advice for firefighters

Personal protective equipment	Use personal protective equipment as required.
Other information	cool endangered containers with water in case of fire. move containers from fire if it can be done without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Use personal protective equipment as required. Avoid contact with eyes and skin. Ensure adequate ventilation.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid release to the environment. Collect spillage.
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6.3. Methods and material for containment and cleaning up

Containment	Small quantities may be wiped up with a cloth. contain larger spill with inert
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material. absorb in vermiculite, dry sand or earth. Flush afterwards with water.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid spilling, skin- and eye contact. Avoid breathing dust / fume / gas / mist / vapours / spray. Avoid breathing dust. wash hand before breaks and after works.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep cool. Protect from sunlight. Store in a well-ventilated place. Keep cool. Store frost free.
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7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

Comments if preventive industrial medical examinations are to be carried out	Provide adequate ventilation. Eyewash station should be provided.
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8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Quaternary ammonium compounds, benzyl C12-16 alkyl dimethyl, chlorides	CAS No.: 68424-85-1		
Diethylene glycol monobutyl ether	CAS No.: 112-34-5	Limit value (8 h) : 10 ppm Limit value (8 h) : 67,5 mg/m ³ Limit value (short term) Value: 15 ppm Limit value (short term) Value: 101,2 mg/m ³	TWA Year: 2011
Propan-2-ol isopropylalkohol isopropanol	CAS No.: 67-63-0	Limit value (8 h) : 150 ppm Limit value (8 h) : 350 mg/m ³ Limit value (short term) Value: 250 ppm Limit value (short term) Value: 600 mg/m ³	
Alcohols C12-14, ethoxylated (>2- 5EO) **	CAS No.: 68439-50-9		

8.2. Exposure controls

Precautionary measures to prevent exposure

Instruction on measures to prevent exposure	Wash hands before breaks and after works. The usual precautionary measures for the handling of chemicals have to be observed.
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Eye / face protection

Suitable eye protection	protective gloves must be used if there us a risk of direct contact of splash.
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Hand protection

Suitable gloves type	Use chemicals-resistance gloves (e.g. nitrile gloves).
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Skin protection

Suitable protective clothing	Wear suitable protective clothing
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Respiratory protection

Respiratory protection, general	Normally not needed. In inadequately ventilated places or in case os creation of aerosols, wear suitable respiratory equipment approved for this purpose (EN 143).
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	Liquid - liquid: emulsion
Odour	Weak Citrus scent.
pH	Value: ~ 8

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity****10.2. Chemical stability**

Stability	Stable under recommended storage and handling conditions (see section 7).
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid	None
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10.5. Incompatible materials

Materials to avoid	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reaction.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Diethylene glycol monobutyl ether
Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 5660 mg/kg Animal test species: Råtta Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: 2700 mg/kg Animal test species: Kanin

Other information regarding health hazards

Skin contact	irritant
Eye contact	irritant
Ingestion	may be irritating

SECTION 12: Ecological information

12.1. Toxicity

Substance	Quaternary ammonium compounds, benzyl C12-16 alkyl dimethyl, chlorides
Aquatic toxicity, fish	Value: 0,0025 mg/l Effect dose concentration : EC10 Exposure time: 72 hour(s) Species: Selenastrum capricornutum Value: 0,02 mg/l Effect dose concentration : EC50 Exposure time: 72 hour(s) Species: Selennastrum Capricornutum Value: 0,85 mg/l Exposure time: 96 hour(s) Species: Oncorhynchus mykiss
Substance	Diethylene glycol monobutyl ether
Aquatic toxicity, fish	Value: 2000 mg/L Test duration: 96h Species: Inland silverside Method: LC50 Test reference: Saltvatten
Substance	Propan-2-ol isopropylalkohol isopropanol
Aquatic toxicity, fish	Value: > 100 mg/l Effect dose concentration : LC50 Exposure time: 48 hour(s)

Substance	Species: Leuciscus idus
	Value: 4200 mg/l Effect dose concentration : LC50 Exposure time: 96 hour(s)
Aquatic toxicity, fish	Alcohols C12-14, ethoxylated (>2- 5EO)**
	Value: > 1 -10 mg/l Effect dose concentration : LC50 Exposure time: 96 hour(s) Species: Cyprinus Carpio (karp)
Substance	Propan-2-ol isopropylalkohol isopropanol
	Value: > 100 mg/l Effect dose concentration : EC50 Exposure time: 72 hour(s)
Aquatic toxicity, algae	Alcohols C12-14, ethoxylated (>2- 5EO)**
	Value: > 1 -10 mg/l Effect dose concentration : EC50 Exposure time: 72 hour(s) Species: Desmodesmus subspicatus
Substance	Alcohols C12-14, ethoxylated (>2- 5EO)**
	Value: > 0,1 -1 mg/l Effect dose concentration : EC10 Exposure time: 72 hour(s) Species: Scenedesmus subspicatus
Aquatic toxicity, crustacean	Quaternary ammonium compounds, benzyl C12-16 alkyl dimethyl, chlorides
	Value: 0,016 mg/l Effect dose concentration : EC50 Exposure time: 48 hour(s) Species: Daphnia
Substance	Propan-2-ol isopropylalkohol isopropanol
	Value: > 100 mg/l Effect dose concentration : EC50 Exposure time: 48 hour(s) Species: Daphnia
Aquatic toxicity, crustacean	Alcohols C12-14, ethoxylated (>2- 5EO)**
	Value: > 1 -10 mg/l Effect dose concentration : EC50 Exposure time: 48 hour(s) Species: Daphnia magna
Toxicity to bacteria	Alcohols C12-14, ethoxylated (>2- 5EO)**
	Value: 140 mg/l Effect dose concentration : EC50 Species: Slam

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil**12.5. Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment

this product is not considered to contain any substances that meet the criteria for classification as PBT or vPvB substances.

12.6. Other adverse effects**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Appropriate methods of disposal for the chemical

Collect spillage.

EWC waste code

EWC waste code: 20 01 30 detergents other than those mentioned in 20 01 29
Classified as hazardous waste: No**SECTION 14: Transport information**

Dangerous goods

No

14.1. UN number

Comments

Not dangerous goods.
Transport in accordance with national law and ADR for road, RID for rail, IMDG for sea and ICAO / IATA for air. For complete information on transport, see transport document.**14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of Marpol and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture****15.2. Chemical safety assessment****SECTION 16: Other information**

Supplier's notes

Classification and labeling of substances according to Regulation (EC) 1272/2008 (CLP) is in section 3.
The labeling of the product according to EC directives 67/548/EEC, 1999/45/EC,

	<p>see section 2. Safety data sheet is designed according to EU Commission Regulation No. 1907/2006.</p>
List of relevant H-phrases (Section 2 and 3)	<p>H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
Additional information	<p>The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.</p>
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