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

**1.1. Product identifier**

**Name of product** Camp + Nature Aqua Clean AC 20 Tablets  
Art-Nr 1.9003.01401.00000  
UFI / BAuA Nr. - / N-58424

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

**Recommended intended purpose(s)**

water treatment

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

**Distributor** T. Hansen Gruppen A/S  
Stensgårdvej 1, DK-5500 Middelfart  
Phone +45 63 41 69 69  
E-Mail thansen@thansen.dk  
Internet www.thansen.dk

Advice

Phone +45 63 41 69 69  
E-mail (competent person):  
thansen@thansen.dk

**1.4. Emergency telephone number**

Emergency advice

Giftlinjen  
Phone +45 82 12 12 12

**Manufacturer**

Yachticon A. Nagel GmbH  
Bürgermeister-Bombeck-Str. 1, D-22851 Norderstedt  
Phone +49 40 511 37 80, Fax +49 40 51 74 37  
E-Mail yachticon@yachticon.de  
Internet www.yachticon.de

Advice

Phone +49 40 511 37 80  
Fax +49 40 51 74 37  
E-mail (competent person):  
yachticon@yachticon.de

**1.4. Emergency telephone number**

Emergency advice

Phone +49 40 511 37 80  
This number is only available at office times.

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**! SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

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**! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Aquatic Chronic 1	H410	

**Hazard Statements**

H410 Very toxic to aquatic life with long lasting effects.

**Additional hints**

This mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

**2.2. Label elements**

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



GHS09

**! Signal word**

Warning

**Hazard Statements**

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary Statements**

P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P273 Avoid release to the environment.  
P391 Collect spillage.  
P501 Dispose of contents/container to an approved waste handling.

**Additional information**

**Remark**

Use biocides safely. Always read the label and product information before use.

**2.3. Other hazards**

**Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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**! SECTION 3: Composition/ information on ingredients**

**3.1. Substances**

not applicable

**3.2. Mixtures**

**! Hazardous ingredients**

**Hazardous ingredients (continued)**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
7440-22-4	231-131-3	silver ( Ag+)	< 0,2	Aquatic Acute 1, H400 M=1000 / Aquatic Chronic 1, H410 M=100

**REACH**

CAS No	Name	REACH registration number
7440-22-4	silver ( Ag+)	01-2119555669-21-XXXX

**Additional advice**

Biocidal active substance: Silver

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove moisted clothing immediately.

In the event of persistent symptoms receive medical treatment.

**In case of inhalation**

Ensure of fresh air.

**In case of skin contact**

In case of contact with skin wash off with water.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with water.

Remove contact lenses.

**In case of ingestion**

Do not induce vomiting.

Rinse out mouth thoroughly with water.

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

No information available.

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

No information available.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Product does not burn, fire-extinguishing activities according to surrounding.

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

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

The product itself does not burn.



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### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply ( isolated ).

Wear full protective clothing.

#### Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ensure adequate ventilation.

Avoid skin and eye contact.

Use personal protective clothing.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

Take up dry.

Flush away residues with water.

After taking up the material dispose according to regulation.

### 6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid the formation and deposition of dust.

Take the usual precautions when handling with chemicals.

#### General protective measures

Avoid contact with eyes and skin

#### Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

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

#### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

**Storage group** 13



**7.3. Specific end use(s)**

No information available.

**! SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**8.2. Exposure controls**

**Respiratory protection**

Not necessary with adequate exhaust ventilation.

**Hand protection**

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile, 0,4 mm, 60 min, 480 min. e.g. "Camatril Profi" (KCL GmbH, Email: Vertrieb@kcl.de)

The selection of the suitable gloves does not only depend on different material, but also on further marks of quality and varies from manufacturer to manufacturer.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

**Eye protection**

safety goggles

**Other protection measures**

Light protective clothing.

**Appropriate engineering controls**

Ensure good ventilation, where necessary use fume hood.

**SECTION 9: Physical and chemical properties**

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

**Appearance**

tablet

**Colour**

white

**Odour**

odourless

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	ca. 7				
<b>boiling point</b>	ca. 1460 °C				
<b>melting point</b>	ca. 800 °C				
<b>Flash point</b>					not applicable
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				

# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Printed 04.05.2022

Revision 29.01.2021 (GB) Version 1.4

## Camp + Nature Aqua Clean AC 20 Tablets



	Value	Temperature	at	Method	Remark
<b>Self ignition temperature</b>					The product is not self-igniting.
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	not determined				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	ca. 358 g/l	20 °C			
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				

### Oxidising properties

No information available.

### Explosive properties

The product is not explosive.

### 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

Stable under normal conditions of use.

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No information available.

**10.6. Hazardous decomposition products**

Concerning possible decomposition products see section 5.

**Thermal decomposition**

Remark No decomposition if used as directed.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	3000 mg/kg	rat		Information refers to main component.
<b>LD50 acute dermal</b>	> 10000 mg/kg	rabbit		Information refers to main component.
<b>Skin irritation</b>	non-irritant			
<b>Eye irritation</b>	low irritant			
<b>Skin sensitization</b>				No known sensitization.
<b>Sensitization respiratory system</b>				No known sensitization.

**Experiences made from practice**

Frequent persistent contact with the skin may cause skin irritation.

Dust can cause eye irritation.

**Additional information**

The product should be handled with the care usual when dealing with chemicals.

Further hazardous properties can not be excluded.

**! SECTION 12: Ecological information****12.1. Toxicity****Ecotoxicological effects**

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 1000 g/m <sup>3</sup> (96 h)	Pimephales promelas		Information refers to main component.

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Biological degradability</b>				The methods for determining biodegradability are not applicable to inorganic substances.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

#### General regulation

Do not allow uncontrolled leakage of product into the environment.

## ! SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Recommendations for the product

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWG) stipulates recycling as a requirement. This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.

#### ! Recommendations for packaging

Totally emptied packaging may be taken for recycling.  
Totally emptied packaging may be treated as household waste.  
Disposal according to official regulations.

#### Recommended cleansing agent

water

#### General information

Allocation of the waste number has to be done according to the EWC directive industry- and process-specific.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (silver ( Ag+))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O. S. (silver ( Ag+))	Environmentally hazardous substance, solid, n.o.s. (silver ( Ag+))
14.3. Transport hazard class(es)	9	9	9
14.4. Packing group	III	III	III
14.5. Environmental hazards	No	No	No





**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

**Land and inland navigation transport ADR/RID**

Hazard label(s) 9

Tunnel restriction code -

Classification code M7

**Transport/further information**

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

**! SECTION 15: Regulatory information**

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

**National regulations**

**Water hazard class** 3 following AwSV (Germany)  
highly hazardous to water

**15.2. Chemical Safety Assessment**

No information available.

**SECTION 16: Other information**

**Training advice**

CAS - Chemical Abstracts Service; CLP - classification, labeling and packaging; DNEL - derived exposure level without adverse effects; GHS - Globally Harmonized System for Classification and Labeling of Chemicals; LC50 - Median Lethal Concentration;

OECD - Organization for Economic Co-operation and Development; PBT - Persistent, Bioaccumulative and Toxic; PNEC - Estimated No Effect Concentration; STOT - Specific Target Organ Toxicity; SVHC - substance of very high concern;

**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**Further information**

The national special regulations have to be implemented by each user their own responsibility!

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please note: Our Material Safety Data Sheets have been prepared in accordance with EU directives, WITHOUT taking into account the specific national regulations for handling hazardous materials and chemicals.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.3

**Sources of key data used**

Data sheets of the suppliers.

European Chemicals Agency (ECHA)

Full text of Hazard Statements in Section 3 (NOT classification of the mixture).

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.