

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### AqoClean Booster

Revision date: 27.07.2020

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

### 1.1. Product identifier

AqoClean Booster

UFI: 7SF0-70GQ-300P-MPDU

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

#### Use of the substance/mixture

Cleaning agent

Reserved for industrial and professional use.

#### Uses advised against

Do not use for private purposes (household).

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



#### Auskunftgebender Bereich:

#### Außerhalb der Geschäftszeiten:

Informationszentrale für Vergiftungen, Freiburg

0761-2704361 oder 0761-2704305

STIZ Schweizerisches Toxikologisches

Informationszentrum 145



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### 1.4. Emergency telephone

D: 0761-2704361 oder 0761-2704305

#### number:

CH: 145

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Hazard categories:

Serious eye damage/eye irritation: Eye Dam. 1

Hazard Statements:

Causes serious eye damage.

### 2.2. Label elements

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

#### Hazard components for labelling

Alcohols, C9-11, ethoxylated

Triethanolammonium-4 - [(2-ethylhexyl) amino] -4-oxo isocrotonic acid

Signal word:

Danger

Pictograms:



#### Hazard statements

H318

Causes serious eye damage.

#### Precautionary statements

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing

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P305+P351+P338 protection.  
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/doctor.

#### Additional advice on labelling

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

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
68439-46-3	Alcohols, C9-11, ethoxylated			1-5 %
	Eye Dam. 1; H318			
85204-21-3	Triethanolammonium-4 - [(2-ethylhexyl) amino] -4-oxo isocrotonic acid			1-5 %
	286-316-1			
	Eye Dam. 1, Skin Sens. 1B; H318 H317			
2682-20-4	2-methyl-2H-isothiazol-3-one			<0,01 %
	220-239-6			
	Acute Tox. 2, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H330 H301 H314 H318 H317 H400 H411			
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one			<0,0015 %
	220-120-9		613-088-00-6	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400			

Full text of H and EUH statements: see section 16.

#### Labelling for contents according to Regulation (EC) No 648/2004

< 5 % non-ionic surfactants, perfumes.

#### Further Information

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

##### After inhalation

Remove casualty to fresh air and keep warm and at rest.

If unconscious but breathing normally, place in recovery position and seek medical advice.

##### After contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

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#### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing.  
In case of eye irritation consult an ophthalmologist.

#### **After ingestion**

Do NOT induce vomiting.  
Rinse mouth immediately and drink plenty of 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**

IF SWALLOWED: Defoamer

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Water spray jet  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Extinguishing powder

##### **Unsuitable extinguishing media**

Full water jet

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

No known hazardous reactions.

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

Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

Provide adequate ventilation.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### **6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and after work.

##### **Advice on protection against fire and explosion**

No information available.

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

##### Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place.

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

Reserved for industrial and professional use.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Additional advice on limit values

No information available.

#### 8.2. Exposure controls

##### Protective and hygiene measures

Keep away from food, drink and animal feedingstuffs.

##### Eye/face protection

Wear eye/face protection. (DIN EN 166)

##### Hand protection

Wash hands before breaks and after work.

##### Skin protection

Remove contaminated, saturated clothing.

##### Respiratory protection

Usually no personal respiratory protection necessary.

### SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Colour:	light yellow
Odour:	fruity
pH-Value:	8,0-8,5
<b>Changes in the physical state</b>	
Boiling point or initial boiling point and boiling range:	100 °C
Vapour pressure: (at 20 °C)	23 hPa
Density:	1,0 g/cm <sup>3</sup>
Water solubility:	completely miscible
Solvent content:	<0,5%

#### 9.2. Other information

No information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

#### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures. No known hazardous decomposition products.

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#### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4. Conditions to avoid

No information available.

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

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

No information available for acute dermal and inhalative toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68439-46-3	Alcohols, C9-11, ethoxylated				
	oral	LD50 >2000 mg/kg	Rat		
2682-20-4	2-methyl-2H-isothiazol-3-one				
	oral	LD50 100 mg/kg			
	dermal	LD50 300 mg/kg			
	inhalation (4 h) vapour	LC50 3 mg/l			
	inhalation aerosol	ATE 0,05 mg/l			
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one				
	oral	ATE 500 mg/kg			

##### Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

##### Sensitising effects

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

##### Carcinogenic/mutagenic/toxic effects for reproduction

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

There are no data available on the mixture itself.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68439-46-3	Alcohols, C9-11, ethoxylated					
	Acute fish toxicity	LC50	2,4 mg/l	96 h		
	Acute algae toxicity	ErC50	4,5 mg/l			
	Acute crustacea toxicity	EC50 mg/l	1-10	48 h		

#### **12.2. Persistence and degradability**

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### **12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

#### **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**

No information available.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.  
Dispose according to legislation.

##### **List of Wastes Code - residues/unused products**

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

##### **List of Wastes Code - used product**

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

##### **List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

##### **Contaminated packaging**

Non-contaminated packages may be recycled.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

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#### Inland waterways transport (ADN)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC): 0%

##### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

#### Relevant H and EUH statements (number and full text)

H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.

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H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*