according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

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

1.1. Product identifier AQUA fun TABS Chlorine Multitabs

Substance / mixture mixture

UFI PX00-W08V-700E-AW2K

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

#### Mixture's intended use

Biocide. Swimming pool water disinfection. Contains a coagulant.

Main intended use

PP-BIO-2 Disinfectants and algaecides not intended for direct application to humans or

animals

#### Mixture uses advised against

The product should not be used in ways other then those referred in Section 1.

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

**Supplier** 

Name or trade name STAPAR Sp. z o.o.

Address Wenecja 62, Żnin, 88-400

Poland

VAT Reg No PL5621804826
Phone +48 (52) 561 04 82
E-mail biuro@stapar.pl
Web address www.stapar.pl

Competent person responsible for the safety data sheet

Name STAPAR Sp. z o.o. E-mail biuro@stapar.pl

### 1.4. Emergency telephone number

European emergency number: 112

#### **SECTION 2: Hazards identification**

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

## Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Ox. Sol. 2, H272 Acute Tox. 4, H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of all classifications and hazard statements is given in the section 16.

### Most serious adverse physico-chemical effects

May intensify fire; oxidiser.

#### Most serious adverse effects on human health and the environment

May cause respiratory irritation. Harmful if swallowed. Causes serious eye damage. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

#### 2.2. Label elements

### **Hazard pictogram**







#### Signal word

Danger

#### **Hazardous substances**

symclosene

#### **Hazard statements**

H272 May intensify fire; oxidiser.
 H302 Harmful if swallowed.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

H410 Very toxic to aquatic life with long lasting effects.

#### **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P273 Avoid release to the environment.

P280 Wear protective gloves.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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/doctor.

P501 Dispose of contents/container to an authorised waste collection plan.

#### **Supplemental information**

EUH031 Contact with acids liberates toxic gas.

#### Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger.

#### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

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

#### 3.2. Mixtures

#### Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 613-031-00-5 CAS: 87-90-1 EC: 201-782-8	symclosene	80-100	Ox. Sol. 2, H272 Acute Tox. 4, H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) EUH031	
CAS: 10043-01-3 EC: 233-135-0	Aluminium sulfate	1-3	Met. Corr. 1, H290 Eye Dam. 1, H318	
Index: 005-007-00-2 CAS: 10043-35-3 EC: 233-139-2	boric acid	<0,3	Repr. 1B, H360FD	1, 2

#### **Notes**

- 1 Substance of very high concern SVHC.
- 2 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

#### **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury.

## If in eyes

Do not rub your eyes – it could lead to mechanical damage of the cornea. Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

#### If swallowed

DO NOT INDUCE VOMITING! Provide medical treatment.

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

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

#### If inhaled

Inhaling dust can cause corrosion of the breathing system. May cause respiratory irritation.

#### If on skin

Not expected.

#### If in eyes

Causes serious eye damage.

#### If swallowed

Corrosion of the digestion system can occur.

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

Symptomatic treatment.

#### **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide, sand, powder. Accommodate extinguishing components to the location of fire.

### Unsuitable extinguishing media

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

## 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow runoff of contaminated fire extinguishing material to enter drains or surface and ground water.

#### **SECTION 6: Accidental release measures**

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

Provide sufficient ventilation. May intensify fire; oxidiser. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale dust. Prevent contact with skin and eyes.

#### 6.2. Environmental precautions

Do not allow to enter drains. Prevent contamination of the soil and entering surface or ground water.

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

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in the section 13.

## 6.4. Reference to other sections

See the Section 7, 8 and 13.

#### **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use of antistatic clothes and footwear is recommended. Do not inhale dust. Prevent contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash hands and exposed parts of the body thoroughly after handling. Use only outdoors or in a well-ventilated area. Take any precaution to avoid mixing with combustibles. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Do not expose to sunlight. Store locked up. Keep container tightly closed.

### 7.3. Specific end use(s)

not available

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

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

### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

#### **DNEL**

Aluminium sulfate

Workers / consumers	Route of exposure	Value	Effect	Determining method	Source
Workers	Inhalation	3 mg/m <sup>3</sup>	Systemic chronic effects		
Consumers	Inhalation	1.5 mg/m <sup>3</sup>	Systemic chronic effects		
Consumers	Inhalation	1 mg/m <sup>3</sup>	Systemic acute effects		
Workers	Inhalation	2 mg/m <sup>3</sup>	Systemic acute effects		
Workers	Inhalation	3 mg/m <sup>3</sup>	Local chronic effects		
Workers	Inhalation	2 mg/m <sup>3</sup>	Local acute effects		
Consumers	Inhalation	1.5 mg/m <sup>3</sup>	Local chronic effects		
Consumers	Inhalation	1 mg/m <sup>3</sup>	Local acute effects		
Workers	Dermal	1.71 mg/kg bw/day	Systemic chronic effects		
Consumers	Dermal	0.855 mg/kg bw/day	Systemic chronic effects		
Workers	Dermal	46.7 mg/kg bw/day	Systemic acute effects		
Consumers	Dermal	23.35 mg/kg bw/day	Systemic acute effects		
Workers	Dermal	0.882 mg/cm <sup>2</sup>	Local chronic effects		
Workers	Dermal	0.882 mg/cm <sup>2</sup>	Local acute effects		
Consumers	Dermal	0.441 mg/cm <sup>2</sup>	Local acute effects		
Consumers	Dermal	0.441 mg/cm <sup>2</sup>	Local chronic effects		
Consumers	Oral	1.9 mg/kg bw/day	Systemic chronic effects		
Consumers	Oral	92.4 mg/kg bw/day	Systemic chronic effects		

### **PNEC**

Aluminium sulfate

Route of exposure	Value	Determining method	Source
Drinking water	4.5 mg/l		
Seawater	64 mg/l		
Water (intermittent release)	30.11 mg/l		
Microorganisms in wastewater treatment plants	60.2 mg/l		
Freshwater sediment	10 mg/kg of dry substance of sediment		

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

#### Aluminium sulfate

Route of exposure	Value	Determining method	Source
Sea sediments	31.4 mg/kg of dry substance of sediment		
Air	2 mg/m <sup>3</sup>		

#### 8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

#### Skin protection

For subsequent manual processing, chemical resistant gloves (EN 374) must be worn. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

#### Respiratory protection

Use a mask with anti-dust filter when the exposition limits of the substances are exceeded or at the place with insufficient ventilation.

#### Thermal hazard

Data not available.

#### **Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2. Collect spillage.

## **SECTION 9: Physical and chemical properties**

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

Physical state solid Colour white, blue Odour characteristic Melting point/freezing point data not available Boiling point or initial boiling point and boiling range data not available Flammability data not available Lower and upper explosion limit data not available Flash point data not available data not available Auto-ignition temperature

Decomposition temperature 225 °C

pH 2,7-3,7 (1% solution at 25 °C)

Solubility in water data not available
Partition coefficient n-octanol/water (log value) data not available
Vapour pressure data not available

Density and/or relative density Density and/or relative density Density and/or relative density

Density 1.517 g/cm³ at 20 °C Relative vapour density data not available Particle characteristics data not available Form solid: tabs / tablets

## 9.2. Other information

not available

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

not available

## 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

#### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

#### 10.5. Incompatible materials

Acids, ammonia, alkali, calcium hypochlorite, reducing agents, oxidizing agents, organic solvents, combustible substances.

#### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

#### **SECTION 11: Toxicological information**

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

#### **Acute toxicity**

Harmful if swallowed.

Aluminium sulfate

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50	OECD 401	6207 mg/kg		Rat (Rattus norvegicus)	F/M
Dermal	LD50	OECD 402	>5000 mg/kg		Rabbit	F/M
Inhalation	LD50	OECD 403	>5000 mg/m <sup>3</sup>	4 hour	Rat (Rattus norvegicus)	F/M

#### 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.

### 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.

## Toxicity for specific target organ - single exposure

May cause respiratory irritation.

## Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

#### **Aspiration hazard**

Based on available data the classification criteria are not met.

### 11.2. Information on other hazards

not available

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

#### **Acute toxicity**

Very toxic to aquatic life with long lasting effects.

Aluminium sulfate

Parameter	Method	Value	Time of exposure	Species	Environme nt
LC50	OECD 203	235 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EC50	OECD 202	160 mg/l	48 hour	Daphnia (Daphnia magna)	
EC50	OECD 201	14 mg/l	72 hour	Algae (Selenastrum capricornutum)	

### 12.2. Persistence and degradability

not available

### 12.3. Bioaccumulative potential

Data not available.

### 12.4. Mobility in soil

Data not available.

#### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### 12.7. Other adverse effects

Data not available.

#### **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### **SECTION 14: Transport information**

#### 14.1. UN number or ID number

UN 2468

## 14.2. UN proper shipping name

TRICHLOROISOCYANURIC ACID, DRY

### 14.3. Transport hazard class(es)

5.1 Oxidazing substances

# 14.4. Packing group

II - substances presenting medium danger

#### 14.5. Environmental hazards

not relevant

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

## 14.6. Special precautions for user

Reference in the Sections 4 to 8.

#### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

#### **Additional information**

Hazard identification No.

**UN** number

Classification code

Safety signs

50 2468

02

5.1+hazardous for the environment





#### Air transport - ICAO/IATA

Packaging instructions passenger 558
Cargo packaging instructions 562

**Marine transport - IMDG** 

EmS (emergency plan) F-A, S-Q

#### **SECTION 15: Regulatory information**

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

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020) Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (OJ L 167, 27.6.2012) Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

## Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

#### boric acid

Conditions of restriction
Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30: 1. Shall not be placed on the market, or used,
— as substances,
<ul> <li>as constituents of other substances, or,</li> <li>in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:</li> </ul>
— either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or,
— the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008.
Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:
"Restricted to professional users".
2. By way of derogation, paragraph 1 shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC;
<ul><li>(b) cosmetic products as defined by Directive 76/768/EEC;</li><li>(c) the following fuels and oil products:</li></ul>
<ul> <li>motor fuels which are covered by Directive 98/70/EC,</li> <li>mineral oil products intended for use as fuel in mobile or fixed combustion plants,</li> <li>fuels sold in closed systems (e.g. liquid gas bottles);</li> </ul>
(d) artists' paints covered by Regulation (EC) No 1272/2008;
(e) the substances listed in Appendix 11, column 1, for the applications or uses listed in
Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation
shall apply until the said date. (f) devices covered by Regulation (EU) 2017/745.

# 15.2. Chemical safety assessment

A safety assessment for the mixture is not required.

### **SECTION 16: Other information**

# A list of standard risk phrases used in the safety data sheet

H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H360FD	May damage fertility. May damage the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Guidelines for safe	handling used in the safety data sheet

# Guidelines for safe handling used in the safety data sheet P102 Keep out of reach of children

P102	keep out of reach of children.
P501	Dispose of contents/container to an authorised waste collection plan.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

according to Regulation (EC) No 1907/2006 (REACH) as amended

# **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P101 If medical advice is needed, have product container or label at hand.

P103 Read label before use.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310 Immediately call a POISON CENTER/doctor.

## A list of additional standard phrases used in the safety data sheet

EUH031 Contact with acids liberates toxic gas.

## Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

## Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods

by road

BCF Bioconcentration Factor
CAS Chemical Abstracts Service

CE<sub>50</sub> Concentration of a substance when it is affected 50% of the population CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substance and mixtures

DNEL Derived no-effect level

EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan

EuPCS European Product Categorisation System IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying

Dangerous Chemicals

ICAO International Civil Aviation Organization IMDG International Maritime Dangerous Goods

INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry

LC50 Lethal concentration of a substance in which it can be expected death of 50%

of the population

LD50 Lethal dose of a substance in which it can be expected death of 50% of the

population

log Kow Octanol-water partition coefficient LZO Volatile organic compounds

MARPOL International Convention for the Prevention of Pollution from Ships

OEL Occupational Exposure Limits

PBT Persistent, Bioaccumulative and Toxic
PNEC Predicted no-effect concentration

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Agreement on the transport of dangerous goods by rail

UE European Union

UN Four-figure identification number of the substance or article taken from the UN

Model Regulations

UVCB Substances of unknown or variable composition, complex reaction products or

biological materials

vPvB Very Persistent and very Bioaccumulative

WE Identification code for each substance listed in EINECS

Acute Tox. Acute toxicity

according to Regulation (EC) No 1907/2006 (REACH) as amended

## **AQUA fun TABS Chlorine Multitabs**

Creation date 23rd May 2022

Revision date Version 1.0

Aquatic Acute Hazardous to the aquatic environment

Aquatic Chronic Hazardous to the aquatic environment (chronic)

Eye Dam. Serious eye damage

Eye Irrit. Eye irritation

Met. Corr. Corrosive to metals

Ov. Sol. Ovidising solid

Ox. Sol. Oxidising solid Repr. Reproductive toxicity

STOT SE Specific target organ toxicity - single exposure

#### **Training guidelines**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

#### **Recommended restrictions of use**

not available

## Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

#### More information

Classification procedure - calculation method.

#### **Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.