

Aquablanc Combi Tablets

(Blue and white tablets)

1. Identification of the substance/preparation and of the company/undertaking

1.1 Product Identifier

Trade Name: Combitabs

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Uses: Disinfectants and algacides not intended for direct application to humans or animals.

1.3 Details of the supplier of the safety data sheet

Company: Complete Pool Controls Ltd
Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire GL52 7RS

Telephone: +44 (0) 8712 229081 Fax: +44 (0) 8712 229083
E-mail: sales@cpc-chemicals.co.uk

1.4 Emergency Telephone

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 3712 229084 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Statements
Aquatic Acute 1	H400
Aquatic Chronic 1	H410
Eye Irrit 2	H319
Skin Corrosion	H314

For the full text of the H statements mentioned in this section see Section 16.

Most important adverse effects

Human Health: See section 11 for toxicological information.
Physical & Chemical Hazards: See section 9 for toxicological information.
Potential environmental effects: See section 12 for toxicological information.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS09: Environmental
GHS07: Danger

Hazard symbols:



Signal word: Warning

Hazard statements: H314 Causes Severe burns and Skin damage
H319 Causes serious eye 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.
P405 + P102 Store locked up /Keep out of reach of children.
P262: Do not get on eyes, skin or clothing
P264 Wash the hands thoroughly after handling.
P273 Avoid release to the environment.
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.

Trade Name: Aquablanc Combitabs

2. Hazard Identification

P314: Get medical advice/attention if you feel unwell
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with national regulations

2.3 Other Hazards

Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable

3. Composition/information on ingredients

3.2 Mixture A mixture of the chemical listed below with non-hazardous additions

CAS-No.	EC-No.	Index No	%	CLP Phrases
---------	--------	----------	---	-------------

sodium carbonate

497-19-8	207-838-8	011-005-00-2	25-50%	Eye Irrit.2 - H319
----------	-----------	--------------	--------	--------------------

Reach Registration No: 01-2119485498-19-XXXX

Polymer of N-Methylmethanamine(EINECS 204-697-4 with (chloromethyl)oxirane(EINECS 203-439-8) /Polymeric quaternary ammonium chloride

25988-97-0	-	-	2.5-<10%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Eye Irrit. 2, H319
------------	---	---	----------	--

pentapotassium bis(peroxymonosulphate)bis(sulphate)

70693-62-8	274-778-7	-	2.5-<10%	Skin Corr.1A H314
------------	-----------	---	----------	-------------------

4. First Aid measures

4.1 Description of first aid measures

General Advice: Take off all contaminated clothing immediately.

If inhaled: Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows signs of failing, give artificial respiration. Do not use mouth to mouth ventilation. Obtain medical attention urgently.

In case of skin contact: Immediately flood the skin with large quantities of water, preferably under a shower. Use boric saline for washing, if available. Remove contaminated clothing as washing proceeds. Obtain medical attention if blistering occurs or redness persists.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if necessary.

If swallowed: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects: No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat Symptomatically.

5. Fire fighting measures

5.1 Extinguishing media:

Suitable media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam
Unsuitable media: Water with full jet

5.2 Special hazards arising from the substance or mixture

Specific Hazards: Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide (CO) Nitrogen oxides (NO_x)

5.3 Advice for fire-fighters

Protective equipment In the event of fire, wear self-contained breathing apparatus.
Wear appropriate body protection (full protective suit).

Further Information: Collect contaminated fire extinguishing water separately.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment as detailed in section 8.

6.2 Environmental precautions

Environmental precautions: Do not allow to penetrate the ground/soil. Do not allow to enter the drains/surface or groundwater.

6.3 Methods and materials for containment and cleaning up

Cleaning up Use neutralising agent. Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

6.4 Reference to other sections For personal protection see section 8

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Use personal protective equipment. Avoid contact with skin and eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Do not mix with other products in their concentrated form.

Hygiene measures: Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities.

Storage Areas: Store only in original receptacle.
Containers Store in cool, dry conditions in well sealed receptacles
Fire and explosion: No special measures required.
Common storage: Keep away from food, drink and animal feeding stuffs.
Further Information: Keep away from heat and direct sunlight. Prevent formation of dust.
Storage Class: 13

7.3 Specific end uses

Specific use(s) No information is available.

8. Exposure control/personal protection**8.1 Control parameters**

Does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8.

General Information: Use in a well ventilated area

Personal protective equipment

Respiratory protection Not necessary if room is well-ventilated.

Filter A/P2

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selfcontained respiratory protective device.

Hand protection Impervious Gloves

The glove material has to be impermeable and resistant to the product.

Due to missing tests no recommendation to the glove material can be given.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection

Tightly fitting safety goggles approved to standard EN 166 .

Skin and body protection

Protective clothing.

Environmental exposure controls

General advice: Do not flush into surface water or sanitary sewer system.

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

Form: Tablet

Colour: White and Blue

Odour: Odourless

pH @ 20°C: 8

Flammability (solid, gas) Contact with flammable material may cause fire.

Density @ 20°C: Undetermined

Auto - ignition Product is not self igniting

Water solubility: completely miscible.

Explosive properties: Product is not explosive.

9.2 Other Information

Solids Content 96.0 % GB

10. Stability and reactivity**10.1 Reactivity**

Reactivity No information available.

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

10. Stability and reactivity

10.3 Possibility of hazardous reactions

Hazardous reactions: Strong exothermic reaction with acids

10.4 Conditions to avoid

Conditions to avoid No further relevant information available

10.5 Incompatible materials

Materials to avoid Strong oxidising agents

10.6 Hazardous decomposition products

Haz. Decomp. products: Sulphur Oxides

11. Toxicological Information

11.1 Information on toxicological effects

<i>pentapotassium bis(peroxymonosulphate)bis(sulphate)</i>				
Route	Species	Test	Value	Units
Oral	Rat	LD50	2,340	mg/kg
<i>Polymeric quaternary ammonium chloride</i>				
Oral	Rat	LD50	1,672	mg/kg

Primary irritant effect:

On the skin: Caustic effect on skin and mucous membranes

On the eye: Strong caustic effect

Sensitization: No sensitizing effects known

Carcinogenicity Insufficient evidence available to evaluate product as a Carcinogen.

Mutagenicity Insufficient evidence available to evaluate product as mutagenic.

Further information

Other information: Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach

12. Ecological Information

12.1 Toxicity

Aquatic toxicity: No data available

12.2 Persistence and degradability

Persistence and degradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential Product is not expected to bioaccumulate

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and PvB assessment

PBT and PvB No data available

12.6 Other adverse effects

Other effects Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralized.

13. Disposal Considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment ,dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

14. Transport Information

14.1 UN Number	UN3260
14.2 UN proper shipping name	3260 CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (pentapotassium bis(peroxymonosulphate)bis(sulphate), POTASSIUM HYDROGEN SULPHATE)
14.3 Transport hazard class(es)	
Class	8 + 9
Classification Code	C2
Hazard label	80
Transport Category	3
Tunnel Code	E
Excepted Quantities	E1
Limited Quantities	5kg
14.4 Packaging Group	III
14.5 Environmental hazards	
Environmentally Hazardous	Yes
Marine Pollutant	Yes
14.6 Special precautions for user	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	

Trade Name: **Aquablanc Combitabs**

15. Regulatory information

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

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- Seveso category E2 Hazardous to the Aquatic Environment
- Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

15.2 Chemical Safety Assessment

No data available

16. Other information

Full text of H-statements referred to under sections 2 and 3
H302 Harmful if swallowed

H314 Causes Severe burns and Skin damage
H319 Causes serious eye Irritation
H320 Irritant to eyes
H410 Very toxic to aquatic life with long lasting effects

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

█ Indicates updated section