


Aquablanc A Combination Liquid

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

- 1.1 Product Identifier** Aquablanc A Combination Liquid
- 1.2 Relevant Identified uses of the substance or mixture and uses advised against**
Uses: For disinfection of pool and spa water
- 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 Category |
|---------------|-----------------|
| Acute Environ | H400 |
- 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 physicochemical information
Potential environmental effects: See section 12 for environmental information
- 2.2 Label elements**
Labelling according to Regulation (EC) No 1272/2008
- Hazard symbols: 
- Hazard statements: H400 Very toxic to aquatic life
- Precautionary statements:
P402+404: Store in a dry place. Store in a closed container
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P301+P314: IF SWALLOWED: Get medical attention if you feel unwell
P501: Dispose of contents / container to hazardous Waste
- Hazardous components which must be listed on the label**
N-dimethyl-2-hydroxyammonium chloride (polymer)
- 2.3 Other Hazards** No other information is available

3. Composition/information on ingredients

- 3.1 Substances**
N, N-dimethyl-2-hydroxyammonium chloride (polymer)
- | EC No. | CAS No | CLP |
|-----------|------------|----------------------|
| 687-444-4 | 25988-97-0 | Acute Environ - H400 |

4. First Aid measures

4.1 Description of first aid measures

General Advice:	Symptoms of poisoning may occur even after several hours; therefore medical observation is required for at least 48 hours after the accident.
If Inhaled:	Provide fresh air, warmth and rest, preferably in a comfortable sitting position. Get professional medical attention if any discomfort continues.
In case of skin contact:	Generally the product does not irritate the skin.
In case of eye contact:	Rinse the eye immediately with water. Continue to rinse for at least 15 minutes.
If swallowed:	Clean mouth with water and drink plenty of water. If swallowed, do not induce vomiting - seek medical advice if discomfort continues

4.2 Most important symptoms and effects, both acute and delayed

Symptoms & 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.

5.2 Special hazards arising from the substance or mixture

Specific Hazards : No information available

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 firefighting water separately
Contaminated firefighting water must not enter the sewage system.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment. Keep people away from and upwind of spill. Provide adequate ventilation. Avoid contact with skin and eyes. Keep away from ignition source.

6.2 Environmental precautions

Environmental precautions: Do not flush. Do not allow to enter into surface water or sanitary sewer system. Prevent from spreading (e.g. by damming-in or oil barriers).

6.3 Methods and materials for containment and cleaning up

Cleaning up: Absorb with liquid binding material (sand, acid binders, universal binders, sawdust).

Further Information: Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment
See Section 13 for disposal information

7. Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling: Use personal protective equipment. Avoid contact with skin and eyes. DO NOT MIX with other products in their concentrated form.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the work day. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with the skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities.

Storage Areas: No special measures required

Fire and explosion: No special measures required

Further information: Store in cool, dry conditions in well sealed receptacles

Common storage: Store away from flammable substances. Store away from reducing agents. Do not store together with acids.

Storage Temperature: Keep away from heat and direct sunlight

7.3 Specific end uses

Specific use(s): For disinfection of pool and spa water

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

No exposure limit established

8.2 Exposure controls

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

Personal protective equipment

Respiratory protection: Not required

Hand protection: Gloves Material of gloves: Natural Rubber

Eye protection: Tightly sealed goggles. Emergency eye wash stations must be available.

Skin and body protection: Protective work clothing

Environmental exposure controls

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

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

Form: Fluid

Colour: Blue

Odour: Mild

Boiling point: 100°C

Flash point: Not applicable

Vapour pressure: 23 hPa

Density @ 20°C: 1.0425 g/cm³

Water solubility: Fully miscible

Thermal decomposition: 180°C

Explosive properties: Product does not present an explosion hazard

Oxidising properties: Oxidising

9.2 Other Information

No further information available

10. Stability and reactivity

10.1 Reactivity

Reactivity No information available

10.2 Chemical stability

Chemical stability No information available

10.3 Possibility of hazardous reactions

Hazardous reactions: None known

10.4 Conditions to avoid

Conditions to avoid No decomposition if used according to specifications

10.5 Incompatible materials

Materials to avoid Oxidising agents

10.6 Hazardous decomposition products

Decomposition products None known

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity Product is not toxic

Primary Irritant effect:

On the skin: No irritant effect

On the eyes: No irritant effect

Sensitization: No sensitizing effects known

Carcinogenic There is no evidence that this substance has any carcinogenic properties.

Mutagenic There is no evidence that this substance is mutagenic

Additional toxicological information:

Other relevant toxicity: Avoid repeated exposure

12. Ecological Information

12.1 Toxicity Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water.

12.2 Persistence and degradability

Persistence No data available

Biodegradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is not expected

12.4 Mobility in soil

Mobility in soil Expected to absorb on soil

12.5 Results of PBT and PvB assessment

PBT and PvB No data available

12.6 Other adverse effects

Remarks: Danger to drinking water if even small quantities leak into the ground.

Do not allow product to reach ground water, water bodies or sewage system even in small quantities.

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	3082		
14.2 UN proper shipping name	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (N,N-dimethyl-2-hydroxyammonium chloride (polymer))		
14.3 Transport hazard class(es)			
Class	90		
Classification	M6		
Hazard label	9		
Transport Category	3		
LQ			
14.4 Packaging Group	III		
14.5 Environmental hazards			
Classified as environmentally hazardous:	Yes		
14.6 Special precautions for user			
Note:	Not applicable		
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			
IMDG:	Not applicable		

15. Regulatory information

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

15.2 Chemical Safety Assessment

No information available

16. Other information

Full text of H-statements referred to under sections 2 and 3
H400 Very toxic to aquatic life

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.