

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

Restrictions: At this time we do not have information on use restrictions

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) 1242 300271 (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

Hazard Statements

Acute Environ

H400

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

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Hazard Symbol/Category of danger

Risk phrases

Environmentally hazardous

R51/53

For the full text of the R phrases 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:



Signal word:

Hazard statements: H400 Very toxic to aquatic life

Precautionary statements:

Prevention: P402+404: Store in a dry place. Store in a closed container

Response: 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

Disposal 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

Trade Name: Aquablanc A Combination Liquid

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Liquid

	CAS No	Index	CAS No	EC No
N, N-dimethyl-2-hydroxayammonium chloride (polymer)			25988-97-0	

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: No further information available

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 extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray.

Unsuitable extinguishing media: No information available

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire: No information available

5.3 Advice for fire-fighters

Special 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

6.2 Environmental precautions

Environmental precautions: Do not flush 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

Methods and materials for Absorb with liquid binding material (sand, acid binders, universal binders,

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

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers: No special measures required

7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities.

Advice on protection against fire and explosion: No special measures required

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

Advice on common storage: Store away from flammable substances. Store away from reducing agents. Do

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

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8. Exposure control/personal protection**8.2 Exposure controls****Personal protective equipment****Personal protective equipment**

Respiratory protection	Advice:	Not required
Hand protection	Advice:	Gloves
Material of gloves	Advice:	Natural Rubber
Eye protection	Advice:	Tightly sealed goggles. Emergency eye wash stations must be available.
Skin and body protection	Advice:	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
Odour Threshold:	Currently we do not have any information from our supplier about this.
pH @ 20°C:	Currently we do not have any information from our supplier about this.
Solidification point	Currently we do not have any information from our supplier about this.
Melting Point	Undetermined
Boiling point:	100°C
Flash point:	Not applicable
Evaporation rate:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	Currently we do not have any information from our supplier about this.
Vapour pressure:	23 hPa
Relative vapour density:	Currently we do not have any information from our supplier about this.
Density @ 20°C:	1.0425 g/cm ³
Water solubility:	Fully miscible
Partition coefficient:n-octanol/water:	Currently we do not have any information from our supplier about this.
Ignition temperature:	Currently we do not have any information from our supplier about this.
Thermal decomposition:	180°C
Viscosity, kinematic:	Currently we do not have any information from our supplier about this.
Explosive properties:	Product does not present an explosion hazard
Oxidising properties:	Oxidising

9.2 Other Information

No further information available

Trade Name: Aquablanc Active Oxygen Liquid

10. Stability and reactivity

10.1 Reactivity

Advice: Currently we do not have any information from our supplier about this.

10.2 Chemical stability

Advice: Currently we do not have any information from our supplier about this.

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

Fire 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 Remarks: No data available

Biodegradability Remarks: No data available

12.3 Bioaccumulative potential

Remarks: Bioaccumulation is not expected

12.4 Mobility in soil

Remarks: Expected to absorb on soil

12.5 Results of PBT and PvB

Remarks: No data available

12.6 Other adverse effects

Additional ecological information

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.

Trade Name: Aquablanc Active Oxygen Liquid

13. Disposal Considerations

13.1 Waste treatment methods

Product: Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste

Contaminated packaging: Empty contaminated packaging's thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.


European Waste Catalogue No: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

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	
Tunnel Code	E	

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

Currently we do not have any information from our supplier about this.

16. Other information

Full text of R-phrases referred to under sections 2 and 3
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

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16. Other information

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.

• Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement concerning the
RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR Dangerous goods Regulations by the 'International Air Transport Association' (IATA)
ICAO: International Civil Aviation Organization
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS European Inventory of Existing Commercial Chemical Substances.
CAS: Chemicals Abstracts Service (division of the Americal Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

Revision	Date	By	Amendment
1	03/10/10	Linda Brueford	Created
2	07/02/12	Linda Brueford	Updated to European requirements and other minor editorial amendments