

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

1.1 Product Identifier

Trade Name: Combitabs White

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

Uses: The preparation/disinfection of water

Restrictions: At this time we do not yet have information on identified 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	Target Organs	Hazard Statements
Skin Corrosion	Category 1A		H314

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
Corrosive	R35

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 toxicological information.
Potential environmental effects:	See section 12 for toxicological information.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:



Signal word:

Danger

Hazard statements:

H314 Causes severe skin burns and eye damage

Precautionary statements:

Prevention	P405+P102 Store locked up/Keep out of reach of children
	P262 Do not get in eyes, on skin, or on clothing.

Response	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P314 Get medical advice/attention if you feel unwell
	P405 Store locked up/Keep out of reach of children

Hazardous components which must be listed on the label

pentapotassium bis(peroxymonosulphate)bis(sulphate)

2.3 Other Hazards

No other information is available.

Trade Name: **Combitabs - White**

3. Composition/information on ingredients

3.2 Mixture

Chemical nature: Solid

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

Chemical Name	Identification Numbers		Amount %
	CAS-No.	EC-No.	
pentapotassium bis(peroxymonosulphate)bis(sulphate)	70693-62-8	274-778-7	2.5 - 10%

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: No further information available.

Effects: No further information available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: Treat Symptomatically.
No further information available.

5. Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire: None known

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters: 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

Methods and materials for containment and 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: Keep container tightly closed. Use personal protective equipment. Avoid contact with the skin and the eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers: Storage area should be well ventilated. Store in cool, dry conditions in well sealed receptacles

Advice on protection against fire and No special measures required.

Further information on storage Store in cool, dry conditions in well sealed receptacles.

Advice on common storage: Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses

Specific use(s) No information is available.

8. Exposure control/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values

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 Advice: Not required

Hand protection Advice: Use rubber or other Impervious gloves

Glove thickness: Advice: No information is available.

Eye protection Advice: Chemical goggles

Skin and body protection Advice: Protective clothing.

Environmental exposure controls

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

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

Form:	Tablet
Colour:	White
Odour:	odourless
Odour Threshold:	Currently we do not have any information from our supplier about this.
pH @ 20°C:	Undetermined
Melting point	Undetermined
Boiling point/boiling range:	Undetermined
Flash point:	Not applicable
Evaporation rate:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	Contact with flammable material may cause fire.
Upper explosion limit:	Currently we do not have any information from our supplier about this.
Lower explosion limit:	Currently we do not have any information from our supplier about this.
Vapour pressure:	Currently we do not have any information from our supplier about this.
Relative vapour density:	Currently we do not have any information from our supplier about this.
Density @ 20°C:	Undetermined
Water solubility:	completely 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:	Currently we do not have any information from our supplier about this.
Viscosity, kinematic:	Currently we do not have any information from our supplier about this.
Explosive properties:	Product is not explosive.
Oxidising properties:	Currently we do not have any information from our supplier about this.

9.2 Other Information**10. Stability and reactivity****10.1 Reactivity**

Advice: No information available.

10.2 Chemical stability

Advice: No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions: No dangerous reactions known

10.4 Conditions to avoid

Conditions to avoid No information available.

10.5 Incompatible materials

Materials to avoid No information available.

10.6 Hazardous decomposition products

Hazardous decomposition products: Sulphur Oxides

11. Toxicological Information**11.1 Information on toxicological effects****Acute Toxicity**

Value type	LD50
Value	2,340 mg/kg
Species	Rat

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	No information available.
Mutagenicity	No information available.

Further information

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

12.2 Persistence and degradability Remarks: No data available

12.3 Bioaccumulative potential Remarks: Product is not expected to bioaccumulate

12.4 Mobility in soil Remarks: No data available

12.5 Results of PBT and PvB assessment Remarks: No data available

12.6 Other adverse effects

Remarks: 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**

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

Contaminated packaging: Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is 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	3260
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
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	No
Marine Pollutant	No
14.6 Special precautions for user	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	

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

Sulphuric acid:

Regulatory List	Notification	Notification No
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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
R35 Causes Severe Burns

Full text of H-statements referred to under sections 2 and 3
H314 Causes severe skin burns and eye damage

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.

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16. Other information

• **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 American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

Revision	Date	By	Amendment
1	04/06/07	Linda Brueford	Created
2	23/03/12	Linda Brueford	Updated to 2011 European requirements