

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: The preparation/disinfection of 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) 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 Statements
Skin Corrosion 1A	H314
Eye Irrit	H320
Aquatic Acute 1	H410

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: GHS05: Corrosion
 GHS09: Environmental
 GHS07: Warning

Hazard symbols:   

Signal word: Danger

Hazard statements: H314 Causes severe skin burns and eye damage
 H410 Very toxic to aquatic life with long lasting effects
 H320 Irritant to eyes

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection
 P405+P102 Store locked up/Keep out of reach of children
 P262 Do not get in eyes, on skin, or on clothing.
 P273 Avoid release to the environment
 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

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**

3. Composition/information on ingredients

3.2 Mixture A mixture of the chemical listed below with non-hazardous additions
Chemical nature: Solid

CAS-No.	EC-No.	Index No	%	CLP Phrases
<i>pentapotassium bis(peroxymonosulphate)bis(sulphate)</i>				
70693-62-8	274-778-7	-	2.5 - 10%	Skin Corrosion 1A - H314
<i>sodium carbonate</i>				
497-19-8	207-838-8	011-005-00-2		Eye Irrit.2 - H320
<i>N-dimethyl-2-hydroxyammonium chloride (polymer)</i>				
25988-97-0	-	-		Aquatic Acute 1 - H410

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: No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards: None known

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.
Do not inhale explosion gases or combustion gases

Trade Name: Combitabs - White

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: 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.

Storage Areas: Storage area should be well ventilated.
Containers Store in cool, dry conditions in well sealed receptacles
Fire and explosion: No special measures required.
Further information: No data available
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 Not required

Hand protection Use rubber or other Impervious gloves

Eye protection Chemical goggles

Skin and body protection Protective clothing.

Environmental exposure controls

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

Trade Name: Combitabs - White

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
Flash point: Not applicable
Flammability (solid, gas): Contact with flammable material may cause fire.
Density @ 20°C: Undetermined
Water solubility: completely miscible.
Explosive properties: Product is not explosive.

9.2 Other Information 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.

10.3 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 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

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

Trade Name: Combitabs

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
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
Marine Pollutant

No
No

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: Combitabs - White

15. Regulatory information

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

15.2 Chemical Safety Assessment

No data available

16. Other information

Full text of H-statements referred to under sections 2 and 3

H314 Causes severe skin burns and eye damage

H410 Very toxic to aquatic life with long lasting effects

H320 Irritant to eyes

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.

Rev 3

█ Indicates updated section