

## 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

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

### 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
Eye Irrit			H320
Aquatic Acute	Category 1		H410

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

Irritant (Xi)	R36/38
Corrosive	R35
Dangerous for the environment	R50/53

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

Hazard symbols:



Signal word: Warning

Hazard statements:	H410	Very toxic to aquatic life with long lasting effects
	H320	Irritant to eyes

### 2.2 Precautionary statements:

P280: Wear protective gloves/protective clothing/eye protection/face protection  
P101: If medical advice is needed, have product or label to hand.  
P102: Keep out of reach of children  
P103: read label before use  
P273: Avoid release to the environment  
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P401: Store in accordance with local/national/ international regulations  
P501: Dispose of contents / container in accordance with local/national/international regulations

#### Hazardous components which must be listed on the label

sodium carbonate and N-dimethyl-2-hydroxyammonium chloride (polymer)

2.3 Other Hazards No other information is available

**Trade Name:** Combitabs - Blue

### 3. Composition/information on ingredients

#### 3.1 Substances

Chemical nature: Solid

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

Chemical Name	Identification Numbers		Amount %
	CAS No	EINECS	
sodium carbonate	497-19-8	207-838-8	
N-dimethyl-2-hydroxyammonium chloride (polymer)	25988-97-0		

### 4. First Aid measures

#### 4.1 Description of first aid measures

General Advice: Take off all contaminated clothing immediately.

If Inhaled: In case of accident by inhalation; remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact: Wash off immediately with plenty of soap & water. If irritation appears seek medical advice

In case of eye contact: Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses.

If swallowed: Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting - seek medical advice. If a person vomits when lying on his back place him in the recovery position.

#### 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: CO<sub>2</sub>, 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:

#### 5.3 Advice for firefighters

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

Further Information: Do not inhale explosion gases or combustion gases

## 6. Accidental release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: For personal protection see Section 8.

### 6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration

### 6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up: Pick up mechanically. Keep in suitable closed containers for disposal.

### 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.  
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. 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.

Requirements for storage areas and containers: Prevent any seepage into the ground

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: Keep away from food, drink and animal feedstuffs.

Storage Temperature: No further information available

### 7.3 Specific end uses

Specific use(s) No information available

## 8. Exposure control/personal protection

### 8.1 Control parameters

This product does not contain any relevant quantities that have to be monitored in the workplace.

### 8.2 Exposure controls

#### Engineering measures

Refer to protective measures listed in sections 7 and 8

#### Personal protective equipment

Respiratory protection Advice: Not required

Hand protection Advice: Gloves

Eye protection Advice: Tightly fitting safety goggles

Skin and body protection Advice: Protective 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:	Tablet
Colour:	Blue
Odour:	Odourless
Odour Threshold:	Currently we do not have any information from our supplier about this.
pH @ 20°C:	8
Solidification point	Currently we do not have any information from our supplier about this.
Boiling point:	Undetermined
Flash point:	Not applicable
Evaporation rate:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	Product is not self igniting.
Upper explosion limit:	Not applicable
Lower explosion limit:	Not applicable
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:	1.2 g/cm <sup>3</sup>
Water solubility:	Completely soluble
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:	Currently we do not have any information from our supplier about this.
Oxidising properties:	Currently we do not have any information from our supplier about this.

**9.2 Other Information**

Solids content	96.0 % GB
----------------	-----------

**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:	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
--------------------	-------------------------

<b>10.6 Hazardous decomposition products</b>	None known
--	------------

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

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects in our experience and the information provided to us.

**Primary irritant effect:****on the skin:**

No irritant effect

**on the eye:**

Slightly irritating to eyes.

**Sensitization:**

No sensitizing effects known.

**Chronic toxicity**

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

**Carcinogenicity**

Insufficient evidence available to evaluate product as a Carcinogen.

**Mutagenicity**

Insufficient evidence available to evaluate product as mutagenic.

**12. Ecological Information****12.1 Toxicity**

Remarks:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

**12.2 Persistence and degradability**

Persistence

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

Degradability

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

**12.3 Bioaccumulative potential**

Remarks:

Bioaccumulation is not expected

**12.4 Mobility in soil**

Remarks:

Not expected to absorb on soil

**12.5 Results of PBT and PvB**

Remarks:

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

**12.6 Other adverse effects**

Remarks:

No further information available

**13. Disposal Considerations****13.1 Waste treatment methods**

Product:

Disposal together with normal waste is not allowed. Special disposal required according to local regulations.

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.

**Trade Name:** Combitabs - Blue

#### 14. Transport Information

<b>14.1 UN Number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packaging Group</b>	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special precautions for user</b>	Not applicable
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	

#### 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

R36 Irritating to eyes

R50/55 Very toxic to aquatic organisms, with long lasting effects

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

H410 Very toxic to aquatic life with long lasting effects

H320 Irritant to eyes

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 européen sur le transport des marchandises dangereuse par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International Carriage of Dangerous Goods by Road)
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	19/02/07	Linda Brueford	
2	09/03/2012	Linda Brueford	GHS label elements added, updated to European requirements and other minor editorial amendments









