

## SAFETY DATA SHEET

Complete Pool Controls

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

**1.1 Product Identifier** Pipe Cleaner

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

Uses: Water treatment

**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](mailto: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**

Skin Corrosion

Category 1A

H314

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

Hazard symbols:



Signal word: Danger

Hazard statements: H314 Causes severe skin burns and eye damage

Precautionary statements: P405+P102 Store locked up/Keep out of reach of children

P260 Do not breathe mist/vapours/spray.

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P310 Immediately call a POISON CENTER or doctor/physician

P405 Store locked up/Keep out of reach of children

P501 Dispose of contents/container in accordance with regulations

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

DIDECYLDIMONIUM CHLORIDE <5%

**2.3 Other Hazards**

No other information is available.

**Trade Name:** Clear Spa Flush Plus

### 3. Composition/information on ingredients

#### 3.1 Mixture

Chemical nature: Mixture of substances listed below with nonhazardous additions

EINECS	CAS No:	Index No	CLP Classification	Amount %
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides				
269-919-4	68391-01-5		Danger: 3.2 / 1B - Warning 3.1 O/4	2.5 - 10%
didecyldimethylammonium chloride				
230-525-2	7173-51-5	612-131-00-6	Danger: 3.2 / 1B - Warning 3.1 O/4	2.5 - 10%
N-Alkyl(C12-18)-N-[(ethylphenyl)methyl]-N,N-dimethylammoniumchlorid				
273-318-2	68956-79-6		Danger: 3.2 / 1B - Warning 4.1.A/1. O/4	2.5 - 10%
propan-2-ol				
200-661-7	67-63-0	603-117-00-0	Danger: 2.62 - Warning 3.3/2, 3.8/3	1.0 - 2.5%

### 4. First Aid measures

#### 4.1 Description of first aid measures

General Advice: Take off all contaminated clothing immediately.  
If inhaled: In case of unconsciousness place patient stably in side position for transportation  
In case of skin contact: Immediately wash with water and soap and rinse thoroughly  
In case of eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor  
After swallowing: If symptoms persist consult doctor.

#### 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: CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray /alcohol resistant foam

#### 5.2 Special hazards arising from the substance or mixture

Specific Hazards: No information available.

#### 5.3 Advice for fire-fighters

Protective equipment: No special measures required  
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. Provide adequate ventilation.  
Avoid contact with skin and eyes.

#### 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: Absorb with liquid-binding material (sand, diatome, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.  
Further information: Treat recovered material as described in section 13.

#### 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. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

**7.2 Conditions for safe storage, including any incompatibilities.**

Containers Store in original container  
Storage Areas Keep away from heat and direct sunlight.  
Fire and explosion: No special measures required.

**7.3 Specific end uses** No information available.

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

Hazardous ingredients that require monitoring in the workplace:

**67-63-0 propan-2-ol**

<b>WEL</b>	Short Term Value	1250 mg/m <sup>3</sup>	500ppm
	Long Term Value	999 mg/m <sup>3</sup>	400ppm

**8.2 Exposure controls**

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

**Personal protective equipment**

Respiratory protection No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Tightly fitting safety goggles approved to standard EN 166 .

Skin and body protection Acid resistant protective clothing.

**Environmental exposure controls**

General advice: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration  
If the product contaminates rivers and lakes or drains inform respective authorities

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

Form: Liquid  
Colour: According to product specification  
Odour: Characteristic  
  
Melting point: Undetermined  
Boiling point/boiling range: 100°C  
Flash point: Not applicable  
Self-igniting: Product is not selfigniting  
Danger of explosion: Product does not present an explosion hazard  
Vapour pressure: 23 hPa  
Water solubility: Not miscible or difficult to mix

**Trade Name:** Clear Spa Flush Plus

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Solvent Content

Organic Solvents	1.4%
Water	85.0%
VOC (EC)	1,40%

### 9.2 Other Information

Solids Content	7.20%
----------------	-------

## 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	No information available
--------------------	--------------------------

### 10.6 Hazardous decomposition products

Haz. Decomp. products:	None known
------------------------	------------

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Primary irritant effect:

<b>On the skin:</b>	Irritant to skin and mucous membranes
<b>On the eye:</b>	Irritating effect
<b>Sensitization:</b>	no sensitizing effects known

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest versions: Irritant

## 12. Ecological Information

### 12.1 Toxicity

Toxicity	There is no data on the etoxity of this product.
----------	--

### 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

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.
----------	---

**Trade Name:** Clear Spa Flush Plus

### 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** UN1760



**14.2 UN proper shipping name** CORROSIVE LIQUID, N.O.S .  
(N-Al k y l (C12- 18) -N- [ (et h y lphen y l ) met hy l ] -N, Ndimethylammoniumchlorid, Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl

#### 14.3 Transport hazard class(es)

Class	8
Classification Code	C9
Hazard label	80
Transport Category	3
Tunnel Code	E
EMS Number:	F-A,S-B
Symbol	Fish & Tree
LQ	5 kg

**14.4 Packaging Group** III

#### 14.5 Environmental hazards

Environmentally Hazardous	Yes
Marine Pollutant	No

**14.6 Special precautions for user** 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 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

#### 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 2

Indicates updated section