

SAFETY DATA SHEET

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

1.1 Product Identifier Spa & Pool Perfect

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

Uses: A water cleaning solution

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
Acute Toxicity	Category 4		H302
Skin Sensitivity	Category 1		H317

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	R41 R43

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: Warning

Hazard statements:	H302	Harmful if swallowed
	H317	May cause an allergic skin reaction

Precautionary statements:	P102	Keep out of reach of children
	P262	Avoid contact with skin
	P280	Wear suitable gloves
	P405	Store locked up.

2.3 Other Hazards No other information is available.

3. Composition/information on ingredients**3.1 Mixture****Chemical nature:** Aqueous solution**Chemical Name**

Natural enzymes & other natural ingredients

Surfactant Blend

2,2'2''-(hexahydro-1,3,5-triazine-1,3,5-tri) triethanol

CAS-No.**EC-No.****Amount %****H & R Phrases**

10 - 30%

10 - 30%

4719-04-4

225-208-0

<3%

H302/H307 - R41/R43

4. First Aid measures**4.1 Description of first aid measures****General Advice:** Take off all contaminated clothing immediately.**If inhaled:** Remove casualty to fresh air; consult a doctor if symptoms persist**In case of skin contact:** Wash off with plenty of water. Get medical attention if irritation or symptoms of exposure develop.**In case of eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention**If swallowed:** Clean mouth with water and drink afterwards plenty of water. DO NOT INDUCE VOMITING. Get immediate medical attention.**4.2 Most important symptoms and effects, both acute and delayed:** No further information available.**4.3 Indication of immediate medical attention and special treatment:** Treat Symptomatically.**5. Fire fighting measures****5.1 Extinguishing media:****Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment**5.2 Special hazards arising from the substance or mixture****Specific Hazards during fire** Fire may cause evolution of oxides of Carbon, oxides of nitrogen and unknown materials**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).**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:** subsoil penetration. If the product contaminates rivers, lakes or drains inform respective authorities.

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6. Accidental release Measures**6.3 Methods and materials for containment and cleaning up**

Methods and materials for containment and cleaning up.	Cover with inert absorbent material and collect into the appropriate container for disposal.
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Further information	Treat recovered material as described in the section "Disposal"
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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:

Avoid breathing vapours, aerosols and mists from concentrate. Use with adequate ventilation. Avoid contact with eyes. Avoid prolonged or repeated contact with skin or clothing. Wash thoroughly with soap and water after handling.

Hygiene measures:

Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage:	Store in original container
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Advice on protection against fire and	No special measures required
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Further information on storage conditions:	Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area.
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Advice on common storage:	Keep away from food, drink and animal feeding stuffs.
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7.3 Specific end uses

No information is available.

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

Contains no substances with occupational exposure limit values
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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

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.

Skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact

Environmental exposure controls

General advice:

Dispose of in accordance with all applicable local and national regulations,

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

Form:	Liquid
Colour:	Amber
Odour:	Mild
pH @ 20°C:	5 - 7
Boiling point/boiling range:	>100°C
Relative vapour density:	3.4
Water solubility:	completely miscible.
Explosive properties:	Product is not explosive.

9.2 Other Information

Specific Gravity	1.006
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10. Stability and reactivity

10.1 Reactivity	No information available.
10.2 Chemical stability	No decomposition if stored and applied as directed.
10.3 Possibility of hazardous reactions	Combustion will produce oxides of carbon, nitrogen and unknown materials.
10.4 Conditions to avoid	Heating above 48.9°C
10.5 Incompatible materials	Strong acids, bases and oxidising agents.
10.6 Hazardous decomposition products	Stable under recommended storage conditions.

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

Component	2,2'2'' -(hexahydro-1,3,5-triazine - 1,3,5-tri) triethanol			
Route	Species	Test	Value	Units
Oral	Rat	LD50	535 - 585	mg/kg
Dermal	Rabbit	LD50	>2,000	mg/kg
Component	Natural enzymes & other natural ingredients			
Oral	Rat	LD50	500 - 2000	mg/kg

Primary Irritant effect

On the skin: Irritating effect
On the eye: Irritating effect

Carcinogenic There is no evidence that this substance has any carcinogenic properties.

Mutagenic There is no evidence that this substance is mutagenic

Sensitization: May cause sensitization

Additional toxicological information: Pre-existing skin diseases may be aggravated by exposure

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

Component	2,2'2" -(hexahydro-1,3,5-triazine - 1,3,5-tri) triethanol			
Species	Exposure	Test	Value	Units
bluegill sunfish	24h	LC50	27 - 45	mg/l
rainbow trout	24h	EC50	67.3	mg/l

12.2 Persistence and degradability

Remarks:

The surfactent blend contains components that are toxic to aquatic organisms but are readily biodegradable in the OECD 301 test.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and PvB assessment

No data available

12.6 Other adverse effects

Avoid direct release to the environment

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**

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packaging Group

Not applicable

14.5 Environmental hazards

Clean up even minor leaks or spills if possible without unnecessary risk

14.6 Special precautions for user

No further information available

14.7 Transport in bulk according to AnnexII of MARPOL 73/78 & the IBC Code

Not applicable

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the mixture by the supplier

16. Other information

Full text of R-phrases referred to under sections 2 and 3

- R22 Risk of serious damage to eyes
- R43 May cause sensitization by skin contact

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

- H302 Harmful if swallowed
- H317 May cause an allergic skin reaction

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.

• Abbreviations and acronyms:

- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- 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	03/01/2014	Linda Brueford	Created