

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

1.1 Product Identifier Spafresh Clarifier

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

Uses: Water flocculant

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

Not classified as hazardous for supply

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Not classified as hazardous for supply

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

This product does not need to be labelled in accordance with EC Regulations and Directives

2.3 Other Hazards No information available

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Liquid

Chemical Name	CAS No:	%	R/H Phrases
Polydiallyldimethylammonium chloride	2606-79-3	2.5 - 10	H412, R52-53

4. First Aid measures

4.1 Description of first aid measures

General Advice: Immediately remove contaminated clothing

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing

In case of skin contact: Wash off immediately with soap and plenty of water.

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

Remove contact lenses. Then consult a doctor.

If swallowed: Rinse mouth with water and then drink plenty of water. If symptoms persist call a doctor

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4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No further information available

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat symptomatically

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5. Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire: No further information available

5.3 Advice for fire-fighters

Special protective equipment: Wear self contained breathing apparatus (SCBA) and full turn out gear.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Wear appropriate clothing.

6.2 Environmental precautions

Environmental precautions: Advise authorities if spillage has entered water course or sewer or has

6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust etc). Send for recovery or disposable in suitable receptacles. Do not mix with other chemical formulations in their concentrated form.

6.4 Reference to other sections

See Section 1 for emergency contact information

See Section 7 for information on Personal protective equipment

See section 13 for waste treatment information

7. Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling: Use in a well ventilated area. Prevent formation of aerosols

Hygiene measures: Wash hands before breaks and immediately after handling the product.
Keep away from food, drink and animal feed stuffs. When using do not eat and drink.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers: Prevent seepage into ground.
Advice on protection against fire and explosion: No special measures required
Further Information: Store away from oxidising agents
Storage Temperature: Protect from frost.

7.3 Specific end uses

Specific use(s) Currently we do not have any information from our supplier about this.

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

Contains no substances with occupational exposure limit values

8.2 Exposure controls**Engineering measures****Personal protective equipment**

General Information: Provide adequate ventilation.

Respiratory protection In case of inadequate ventilation wear respiratory protection

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 Wear safety glasses approved to standard EN 166.

Skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact

Environmental exposure controls 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: Viscous Emulsion
Colour: Blue
Odour: Mild

Boiling point: Undetermined
Ignition Temperature: >250°C
Vapour pressure: 23.0 hPa
Density @ 20°C: 1.02 g/cm³
Water solubility: Emulsifiable

9.2 Other Information

No information available

Trade Name: Spafresh Clarifier

10. Stability and reactivity

10.1 Reactivity	Stable under normal use and storage conditions
10.2 Chemical stability	No decomposition if stored and applied as directed
10.3 Possibility of hazardous reactions	None reasonably foreseeable
10.4 Conditions to avoid	No information available
10.5 Incompatible materials	Strong Oxidising agents
10.6 Hazardous decomposition products	Carbon Monoxide and carbon dioxide, Nitrogen oxides

11. Toxicological Information

11.1 Information on toxicological effects

Primary Irritant effect:

On the skin: No irritant effect

On the eyes: No irritant effect

Sensitization: No sensitizing effects known

Other relevant toxicity: Not subject to classification according to the calculation method of the General EU Guidelines for preparations as issued in the latest version. When used and handled according to specifications, the product does not have harmful effects to our experience and the information provided to us.

12. Ecological Information

12.1 Toxicity	No information available
12.2 Persistence and degradability	No information available
12.3 Bioaccumulative potential	No information available
12.4 Mobility in soil	No information available
12.5 Results of PBT and PvB assessment	No information available
12.6 Other adverse effects	Water hazard class 1 (German regulation)(Self-assessment): slightly hazardous for water.

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	Not applicable
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	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

No information available

16. Other information

Text of R and S phrase codes used in this safety data sheet:- H412: Harmful to aquatic life with long lasting effects.; R52: Harmful to aquatic organisms; R53: May cause long term adverse effects in the aquatic environment.

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
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	12/02/07	Linda Brueford	
2	24/11/08	Linda Brueford	Sections 2 : 3 : 9 :16
3	21/06/11	Linda Brueford	GHS label elements added, updated to European requirements and other
4	20/10/13	Chemregs	General editorial admentments