

Crystal Clear

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

1.1 Product Identifier Crystal Clear

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

Uses: Clarifier

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

The product is not classified according to the CLP regulations

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

Precautionary statements:

P102	Keep out of reach of children
P103	Read label before use
P261	Avoid breathing mist
P280	Wear protective gloves and eye/face protection
P301+330+331	IF SWALLOWED: rinse mouth. DO NOT induce vomiting.
P305+351+338:	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P302+352:	IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower.
P501:	Dispose of contents/container according to regulations.

3. Composition/information on ingredients

3.1 Mixture

The product is not classified according to the CLP regulations

4. First Aid measures

4.1 Description of first aid measures

Skin contact: Wash with soap and water. Get medical attention if irritation develops or persists.
Eye contact: Remove contact lenses (when applicable) and flush eyes with water for 15 minutes. Call a physician
Ingestion: Consult a physician if necessary.
Inhalation: If large amounts of fumes are inhaled, remove to fresh air and consult a physician

4. First Aid measures

4.2 Most important symptoms and effects, both acute and delayed

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	May be mildly irritating to eyes
Ingestion:	Not likely to be hazardous by ingestion
Inhalation:	Not likely to be hazardous by inhalation.

4.3 Indication of immediate medical attention and special treatment needed

Treatment	Eye bathing equipment should be available
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5. Fire fighting measures

5.1 Extinguishing media:

Suitable media:	Does not burn. Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.
Unsuitable media:	No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards :	None Known
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5.3 Advice for fire-fighters

Protective equipments:	Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.
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Further Information:	No information available.
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6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions:	See Section 8 (Personal Protective Equipment).
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6.2 Environmental precautions

Environmental precautions:	Material is 100% biodegradable and nontoxic.
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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	Dilute with water and hose down.
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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:	General ventilation should be sufficient under normal conditions
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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.
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7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities.

Storage areas:	10-50°C recommended (will freeze @ ~3°C). Shelf life is indefinite but viscosity will decrease over time.
Protection against fire:	Non-flammable, no special fire protection required.
Incompatible materials:	Strong oxidizing material and strong bases.
Further information:	Store in cool, dry areas and away from incompatible substances
Common storage:	The container should be kept covered to prevent contamination.

7.3 Specific end uses

Specific use(s)	Clarifier
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8. Exposure control/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values

8.2 Exposure controls

Engineering measures General ventilation should be sufficient under normal conditions

Personal protective equipment

Respiratory protection Respirator use is not required for this product. If dust is generated, a dust mask may be needed.

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. Provide eye station

Skin and body protection For operations where skin contact can occur, wear impervious clothing such as apron, boots, or whole bodysuit.

Environmental exposure controls

General advice: Always follow good hygiene/work practices by avoiding vapors or mists and contact with eyes and skin. Thoroughly wash hands after handling and before eating or drinking. Always wear the appropriate PPE when repairing or performing maintenance on contaminated equipment.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Viscous liquid
Colour:	Blue, green or amber
Odour:	Pungent vinegar odor
pH	3.0 - 4.5
Boiling point/boiling range:	211°F
Density @ 20°C:	1.0-1.1 g/mL
Water solubility:	Soluble

9.2 Other Information

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications

10. Stability and reactivity

10.1 Reactivity

Reactivity

Stable under recommended transport or storage conditions

Trade Name: Crystal Clear**10. Stability and reactivity****10.1 Reactivity**

Reactivity

Stable under recommended transport or storage conditions

10.2 Chemical stability

Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions:

Not available

10.4 Conditions to avoid

Conditions to avoid

Freezing temperatures or excess heat (for quality purposes).

10.5 Incompatible materials

Materials to avoid

Strong oxidizing material and strong bases.

10.6 Hazardous decomposition products

Haz. decomp. products:

Decomposition will not occur.

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

No information available

Primary Irritant effect:

On the skin: No data available

On the eyes: No data available

Sensitization:

No data available

Carcinogenic

No data available

Mutagenic

No data available

12. Ecological Information**12.1 Etoxicity (in water)**

<i>Acute Toxicity</i>			
Species	Test	Value	Units
Daphnia	LC50	1,369	mg / l
Daphnia	NOEC	1,000	mg / l
Fathead Minnows	LC50	642	mg / l
Fathead Minnows	NOEC	500	mg / l
Rainbow Trout	LC50	173	mg / l
Rainbow Trout	NOEC	125	mg / l
<i>Chronic Toxicity</i>			
Species	Test	Value	Units
Fathead Minnows	LC50	>1,000	mg / l
Fathead Minnows	LC25	932	mg / l
Rainbow Trout	LC50	154	mg / l
Rainbow Trout	LC25	121	mg / l

12.2 Persistence and degradability

Persistence and degradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential No data available

Trade Name: Crystal Clear

12. Ecological Information

12.4 Mobility in soil

Mobility in soil No data available

12.5 Results of PBT and PvB :

PBT and PvB : No data available

12.6 Other adverse effects

Other adverse effects No data available

13. Disposal Considerations

13.1 Waste treatment methods

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste.. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from national regulations. Consult state and local regulations regarding the proper disposal of this material.

NOTE: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

14. Transport Information

Not classified as dangerous in the meaning of transport regulation

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) No1907/2006

15.2 Chemical Safety Assessment

No data available

16. Other information

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

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█ Indicates updated section.