



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

1.1 Product Identifier Natural Clarifier

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

Not applicable

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

Not applicable

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

The product does not have to be labelled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version

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.

Hazardous components which must be listed on the label

not applicable

2.3 Other Hazards

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

4.2 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

5. Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Does not burn. Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire None Known

5.3 Advice for fire-fighters

Special protective equipment for fire fighters: 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.

Further Information: No information available.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: See Section 8 (Personal Protective Equipment).

6.2 Environmental precautions

Environmental precautions: Material is 100% biodegradable and nontoxic.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up Dilute with water and hose down.

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

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands and clothing immediately. Avoid contact with skin, eye and clothing.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers: 10-50°C recommended (will freeze @ ~3°C). Shelf life is indefinite but viscosity will decrease over time.

Advice on protection against fire and explosion: Non-flammable, no special fire protection required.

Incompatible materials: Strong oxidizing material and strong bases.

Further information on storage Store in cool, dry areas and away from incompatible substances

Advice on common storage: The container should be kept covered to prevent contamination.

7.3 Specific end uses

Specific use(s) Natural Clarifier

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
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Melting point	Not available
Boiling point/boiling range:	211°F
Flash point:	Not available
Flammability (solid, gas)	Not available

Vapour pressure:	Not available
Density @ 20°C:	1.0-1.1 g/mL
Water solubility:	Soluble

Explosive properties:	Not available
Oxidising properties:	Not available

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	Stable under recommended transport or storage conditions
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10.2 Chemical stability	No decomposition if stored and applied as directed.
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10.3 Hazardous reactions	Not available
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10.4 Conditions to avoid	Freezing temperatures or excess heat (for quality purposes).
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10.5 Incompatible materials	
Materials to avoid	Strong oxidizing material and strong bases.

10.6 Hazardous decomposition products	Decomposition will not occur.
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11. Toxicological Information**11.1 Information on toxicological effects**

Toxicity Values	No information available
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Primary Irritant effect:

On the skin:	No data available
On the eyes:	No data available

Sensitization:	No data available
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Carcinogenic	No data available
Mutagenic	No data available

12. Ecological Information**12.1 Eotoxicity (in water)****Acute Toxicity**

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

Chronic Toxicity

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 No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT and PvB No data available

12.6 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

14.1 UN Number Not regulated for transport

14.2 UN proper shipping name Not regulated for transport

14.3 Transport hazard class(es) Not regulated for transport

14.4 Packaging Group Not regulated for transport

14.5 Environmental hazards Not regulated for transport

14.6 Special precautions for user Not regulated for transport

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code n/a

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

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

16. Other information

S2	Keep out of reach of children
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
S46	If swallowed, seek medical advice immediately and show this container or label

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
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	28.10.2013	Linda Brueford	Created