

SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company/undertaking**1.1 Product Identifier**

Trade Name: DPD 1 High Calcium

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

Uses: Testing Water

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

3. Composition/information on ingredients**3.1 Substances**

Chemical nature: Solid

Mixture of organic and inorganic compounds

4. First Aid measures**4.1 Description of first aid measures**

If inhaled: Unlikely route of exposure as the product does not contain volatile substances.

If Ingested: Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately

In case of skin contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms occur after washing

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Get medical attention if irritation continues.

[Cont...]

Trade Name: DPD1 High Calcium Test Tablet

4. First Aid measures

4.2 Most important symptoms and effects, both acute and delayed

Symptoms & 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: Use extinguishing measures that are appropriate to the environment.

Unsuitable media: No information available.

5.2 Special hazards arising from the substance or mixture

Special hazards: Formation of toxic gases is possible during heating or in case of fire: Nitrogen oxides (NO_x), Carbon monoxide (CO), Sulphur dioxide (SO₂), Phosphorus oxides (P_xO_x), dipotassium oxide

5.3 Advice for fire-fighters

Special protective equipment: Wear self contained breathing apparatus and full protective suit

Further Information: Ambient fire may liberate hazardous vapours
Collect contaminated firefighting water separately. It must not enter drains.
Dispose of fire debris and contaminated firefighting water in accordance with regulations.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment. Keep unprotected persons away
Avoid contact with skin and eyes.

6.2 Environmental precautions

Environmental precautions: Not relevant considering the small amounts used.

6.3 Methods and materials for containment and cleaning up

Cleaning up Collect mechanically. Ensure adequate ventilation

6.4 Reference to other sections

For safe handling see section 7
For personal protection see section 8
For disposal see section 13

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Use personal protective equipment. Avoid handling which leads to dust formation.

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.

[Cont...]

7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities.

Storage	Store in a cool and well ventilated place.
Containers	Keep in original containers.
Fire and explosion:	The product is not flammable.
Further information	Protect from heat and direct sunlight. Protect from humidity and keep away from water.
Common storage:	Keep away from oxidising agents

7.3 Specific end uses

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

8.1 Control parameters

Regulatory Basis:	Not regulated
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8.2 Exposure controls

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

Personal protective equipment

Respiratory protection Use breathing protection against the effects of dust
Filter: Filter P1 for short term use

Hand protection Use suitable protective gloves if risk of skin contact.
Glove thickness: $\geq 0.11\text{mm}$
Material: Nitrile rubber - NBR

Eye protection Tightly fitting safety goggles.

Skin and body protection Protective clothing.

Environmental exposure controls

General advice: Good personal hygiene practises always advisable when working with chemicals.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Tablet
Colour:	White
Odour:	odourless

pH @ 20°C: 6.2

Boiling point/boiling range: 300°C

Flash point: Not applicable

Relative vapour density: Not determined

Water solubility: completely miscible.

Explosive properties: Product is not explosive.

9.2 Other Information

Further information: No further information available

10. Stability and reactivity

10.1 Reactivity

Reactivity To avoid thermal decomposition do not overheat

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions: See Section 5 - sodium monoxide

10.4 Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5 Incompatible materials

Materials to avoid Aluminium; NH_x

10.6 Hazardous decomposition products

Haz.decomp. products: Carbon monoxide

11. Toxicological Information

11.1 Information on toxicological effects

Quantative data on the toxicity of the preparation are not available
The following statements refer to the individual components

Primary Irritant effect

On the skin: Very mild irritation may ensue if product is in contact with sensitive skin

On the eye: Irritant effect

Sensitization: No sensitizing effects known

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological Information

12.1 Toxicity

Quantative data on the toxicity of the preparation are not available
The following statements refer to the individual components

12.2 Persistence and degradability

Persistence and degradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential Depending on the concentration, phosphorous compounds may contribute to the eutrophication of water supplies

12.4 Mobility in soil

Mobility in soil No data available

Ecotoxic effects: Toxic for fish: sulphates >7 g/l
Bacterial toxicity: sulphates toxic sulphates toxic >2.5 g/l

[Cont...]

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12. Ecological Information

12.5 Results of PBT and PvB assessment

PBT and PvB No data available

12.6 Other adverse effects

Other adverse effects No relevant information available

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

European Waste Catalogue: 16 05 09

14. Transport Information

Not classified as hazardous for transportation.

15. Regulatory information

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

This product is not classified according to the EU regulations

15.2 Chemical Safety Assessment

No data available

16. Other information

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

Further information

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

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Rev 5

Indicates updated section