

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

1.1 Product Identifier

Trade Name: DPD1 High Calcium Test Tablet

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

Uses: Testing Water

Restrictions: At this time we do not yet have information on identified uses.

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

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

Not applicable

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

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Solid

Chemical Name

Mixture of organic and inorganic compounds

Identification Numbers

Amount %

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.

(continued on Page 2)

4. First Aid measures

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	After swallowing large amounts irritation, thirst
Effects:	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 extinguishing measures that are appropriate to the environment.
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Unsuitable extinguishing media:	No information available.
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5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire:	Nitrogen oxides (NOx) Carbon monoxide (CO) Sulphur dioxide (SO2) Phosphorus oxides (PxOx) dipotassium oxide
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5.3 Advice for fire-fighters

Special protective equipment	Wear self contained breathing apparatus and full protective suit
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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.
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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. For personal protection see section 8.
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6.2 Environmental precautions

Environmental precautions:	Not relevant considering the small amounts used.
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6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up	Collect mechanically. Ensure adequate ventilation
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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.

7.2 Conditions for safe storage, including any incompatibilities.

Requirements for storage areas and containers:	Store in a cool location
Advice on protection against fire and	The product is not flammable.
Further information on storage conditions:	Protect from heat and direct sunlight. Protect from humidity and keep away from water Protect from the effects of light
Advice on 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:	EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical, and biological agents.
Not regulated	

8.2 Exposure controls

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

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

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

Eye protection	Advice:	Tightly fitting safety goggles.
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Skin and body protection	Advice:	Protective clothing.
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Environmental exposure controls

General advice:	Good personal hygiene practises always advisable when working with chemicals.
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9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form:	Tablet
Colour:	White
Odour:	odourless
Odour Threshold:	Not determined
pH @ 20°C:	6.2
Solidification point	Currently we do not have any information from our supplier about this.
Boiling point/boiling range:	300°C
Flash point:	Not applicable
Evaporation rate:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	Currently we do not have any information from our supplier about this.
Upper explosion limit:	Currently we do not have any information from our supplier about this.
Lower explosion limit:	Currently we do not have any information from our supplier about this.
Vapour pressure:	Currently we do not have any information from our supplier about this.
Relative vapour density:	Not determined
Density @ 20°C:	Currently we do not have any information from our supplier about this.
Water solubility:	completely miscible.
Partition coefficient:n-octanol/water:	Currently we do not have any information from our supplier about this.
Ignition temperature:	Currently we do not have any information from our supplier about this.
Thermal decomposition:	Currently we do not have any information from our supplier about this.
Viscosity, kinematic:	Currently we do not have any information from our supplier about this.
Explosive properties:	Product is not explosive.
Oxidising properties:	Currently we do not have any information from our supplier about this.

9.2 Other Information

Molecular Weight:	Currently we do not have any information from our supplier about this.
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10. Stability and reactivity**10.1 Reactivity**

Advice:	To avoid thermal decomposition do not overheat
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10.2 Chemical stability

Advice:	No decomposition if stored and applied as directed.
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10.3 Possibility of hazardous reactions

Hazardous reactions:	See Section 5 sodium monoxide
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10.4 Conditions to avoid

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

Materials to avoid	aluminium	NH _x
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10.6 Hazardous decomposition products

Hazardous decomposition products:	Carbon monoxide
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Trade Name: DPD1 High Calcium Test Tablet

11. Toxicological Information

11.1 Information on toxicological effects

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

12.2 Persistence and degradability

Remarks: No data available

12.3 Bioaccumulative potential

Remarks: Depending on the concentration, phosphorous compunds may contribute to the eutrophication of water supplies

12.4 Mobility in soil

Remarks: No data available

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

Water hazard class 2 (German Regulation)Self assessmet acc VwVwS Annex 4); hazardous for water
Do not allow product to reach ground water, water bodies or sewage system

12.5 Results of PBT and PvB assessment

Remarks: No data available

12.6 Other adverse effects No relevant information available

13. Disposal Considerations

13.1 Waste treatment methods

Product:	Disposal together with normal waste is not allowed. Special disposal is required according to local regulations. Do not let product enter drains. Contact waste disposal services.
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European Waste Catalogue	16 05 09
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Contaminated packaging:	Empty contaminated packaging thoroughly. They can be re-cycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product
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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

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

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

16. Other information

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

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

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	12/02/2007	Linda Brueford	Created
2	18/10/10	Linda Brueford	GHS label elements added and other minor editorial amendments
3	18/05/11	Linda Brueford	Updated to 2011 European requirements
4	26/06/12	Linda Brueford	Sections 1: 3: 12:13