

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

1.1 Product Identifier

Trade Name: DPD1 Rapid 250F Test Tablet
Chemical Name: N,N-Diethyl-P-Phenylene Diamine Sulphate
CAS No: 6283-63-2
EC No: 228-500-6

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)

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 preparations of the EU' in the latest version

Other Hazards

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Solid

Chemical Name

N,N-Diethyl-P-Phenylene Diamine Sulphate
Ion Exchange Resin

Identification No

CAS-No. EC-No.

6283-63-2 228-500-6

%

1 - 5% R21/22 - H302+H312
1 - 5% R36 - H320

Trade Name: Palintest DPD1 Rapid 250F

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.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms: No further information available.
- 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 extinguishing media: Use extinguishing measures that are appropriate to the surrounding environment.
- Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

- Specific Hazards during fire fighting: No information available.

5.3 Advice for fire-fighters

- Special protective equipment No information available.
- Further Information: No information available.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions: Use personal protective equipment. Provide adequate ventilation. Avoid contact with skin and eyes. For personal protection see section 8.

6.2 Environmental precautions

- Environmental precautions: Not relevant considering the small amounts used.

6.3 Methods and materials for containment and cleaning up

- Methods and materials for containment and cleaning up Avoid generation and spreading of dust. Collect in containers and seal securely. Flush the area with water.

6.4 Reference to other sections

- For personal protection see section 8

Trade Name:	Palintest DPD1 Rapid 250F
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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:	Keep in original containers. Store in a cool and well ventilated place.
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Advice on protection against fire and explosion:	The product is not flammable.
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Further information on storage conditions:	No further data available
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Advice on common storage:	Keep away from food, drink and animal feeding stuffs.
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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.
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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:	No specific recommendation made, but protection against nuisance dust must be used when levels above 10mg/m ³
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Hand protection	Advice:	Use suitable protective gloves if risk of skin contact.
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Glove thickness:	No recommendation
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Material:	No recommendation
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Gloves:	No recommendation
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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:	Solid
Colour:	Off white
Odour:	odourless
Odour Threshold:	Currently we do not have any information from our supplier about this.
pH @ 20°C:	Currently we do not have any information from our supplier about this.
Solidification point	Currently we do not have any information from our supplier about this.
Boiling point/boiling range:	Currently we do not have any information from our supplier about this.
Flash point:	Currently we do not have any information from our supplier about this.
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:	Currently we do not have any information from our supplier about this.
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:	No information available.
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10.2 Chemical stability

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

Hazardous reactions:	No hazardous reactions known
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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	No information available.
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10.6 Hazardous decomposition products

Hazardous decomposition products:	Carbon monoxide Carbon dioxide
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Trade Name: Palintest DPD1 Rapid 250F

11. Toxilogical Information

11.1 Information on toxilogical effects

Acute Toxicity Oral

Remarks: May cause discomfort if swallowed

Irritation

Skin: Remarks: Powder may irritate skin

Eyes: Remarks: Particles in the eyes may cause irritation and smarting

Further information

Other relevant toxicity information: No specific symptoms noted but this chemical may still have adverse health impact, either in general or on certain individuals.

12. Ecological Information

12.1 Toxicity

There is no data on the etoxity of this product. The product components are not classified as environmentally hazardous.

12.2 Persistence and degradability

Remarks: No data available

12.3 Bioaccumulative potential

Remarks: No data available

12.4 Mobility in soil

Remarks: No data available

12.5 Results of PBT and PvB assessment

Remarks: No data available

12.6 Other adverse effects

Additional ecological information

Remarks:

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.

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

European Waste Catalogue No: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

Trade Name: Palintest DPD1 Rapid 250F

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
R21/22 Harmful in contact with skin and if swallowed.
R36 Irritating to eyes

Full text of H-statements referred to under sections 2 and 3
H302+H312 Harmful if swallowed and in contact with skin
H320 Causes eye irritation

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	16/08/11	Linda Brueford	Updated to 2011 European requirements

Phenol Red Rapid Test Tablets

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

1.1 Product Identifier

Trade Name: Phenol Red Rapid Test Tablets

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) 3712 229084 (outside 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

2.3 Other hazards

This product does not contain any products classified as PBT or vPvB

3. Composition/information on ingredients

3.2 Mixtures A mixture of the substances listed below with non-hazardous additions

Chemical Name	Identification Numbers	Amount % Hazard
Ion exchange resin		1 - 5% H320

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.

Trade Name: Phenol Red Rapid 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 extinguishing media: Use extinguishing measures that are appropriate to the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire fighting: No information available.

5.3 Advice for fire-fighters

Special protective equipment No information available.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment. Provide adequate ventilation.
Avoid contact with skin and eyes.
For personal protection see section 8.

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 Avoid generation and spreading of dust. Collect in containers and seal securely. Flush the area with water.

6.4 Reference to other sections

Other sections: For personal protection see section 8

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: 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.

Storage Areas Store in a cool and well ventilated place.
Containers Keep in original containers.
Fire & explosion The product is not flammable.
Further information No further data available
Common storage: Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses

Specific use(s) Water Testing

8. Exposure control/personal protection

8.1 Control parameters

EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical, and biological agents.

Regulatory Basis: Not regulated

8.2 Exposure controls

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

Personal protective equipment

Respiratory protection No specific recommendation made, but protection against nuisance dust must be used when levels above 10mg/m³

Hand protection Use suitable protective gloves if risk of skin contact.

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: Solid
Colour: Red Brown
Odour: odourless

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 No information available.

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions: No hazardous reactions known

10.4 Conditions to avoid

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

10.5 Incompatible materials

Materials to avoid No information available.

10.6 Hazardous decomposition products

Haz.decomp. products: No information available.

Trade Name: Phenol Red Rapid Test Tablet

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

If Swallowed: May cause discomfort if swallowed

Primary Irritant effect:

On the skin: Powder may irritate skin after prolonged contact.

On the eyes: Particles in the eyes may cause irritation and smarting

Carcinogenic This product is not listed as a carcinogen

Mutagenic No information available

Sensitization: No sensitizing effects known

Other information: No specific symptoms noted but this chemical may still have adverse health impact,

12. Ecological Information

12.1 Toxicity

There is no data on the toxicity of this product. The product components are not classified as environmentally hazardous.

12.2 Persistence and degradability

Persistence and degradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential No data available

12.4 Mobility in soil

Mobility in soil The product is soluble in water

12.5 Results of PBT and PvB assessment

PBT and PvB This substance is not classified as PBT or vPvB according to the current EU criteria

12.6 Other adverse effects

Other adverse effects No data 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

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

Not classified as hazardous for transportation.

Trade Name: Phenol Red Rapid Test Tablet

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 further information available

16. Other information

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

H320 Causes Eye Irritation

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.

■ Indicates updated section.

