

Palintest

Water Analysis Technologies

SAFETY DATA SHEET DPD No. 1 CLEAR TABLET

According to Regulation (EC) No 1907/2006, Annex II, as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|-----------------------|---|
| Product name | DPD No. 1 CLEAR TABLET |
| Product number | PTH7006XAUST, PTH7003DAUST, SPH006HO, SPH004D, SPH004X, SPS004D, SPS004X, SPS006X, SPS006XAUST, SPS006XUS, SPS006DAUST, SPS006DUS, PTH045D, PTH045PH, SPH7010E, SPH7010HO, SPH7010AUST, PT100WSK, PTW10005U, PTW10005GO, AK011, AL200, AP052, AT-0130, PM031, AR165/1, SP129, SPS003D, SKH129C, AP011, SPH7010US, PTW10489CN, CKH1005, PTH7092, SPR7025E, PTH071CN, PTH8099, PTW10480, PTW10010, PTW10010XA, PTW10030XA, PTW10030, PTW10005, PTW10071CN, AK031, AK060, APW031, AKW031, AL300, AP031, AKW011, AP060, AR011, AR165, AT-0110, CM031, CM060, CR031, PM011, PM052, PM060, AT-8812, AD-0112, AR165/2, AR165/4, SP116, SP117, SP709E, SP725E, SPH003D, SPH006D, SPS006D, PTH027, AL300ROW, SKH129, CM031/1, SP130, SP129C, AL300AUST, AL200USA, AL200AUST, SPH7009AUST, SPH7009US, SP709US, SPH7025AUST, SPH7025US, SP725US, SPR7025US, SPR7009AUST, SPR7025AUST, SPH7025E, SPR7009E, PT10005C, AL300USA, AL200ROW, SP709AUST, SP725AUST, SPR7009US, SPH7009E, SPH006X, PTW10800, PTS027 |

1.2. Relevant identified uses of the substance or mixture and uses advised against

| | |
|------------------------|---------------|
| Identified uses | Testing water |
|------------------------|---------------|

1.3. Details of the supplier of the safety data sheet

| | |
|-----------------|--|
| Supplier | PALINTEST LIMITED PALINTEST HOUSE TEAM VALLEY GATESHEAD TYNE & WEAR NE11 0NS ENGLAND TEL 0191 491 0808 FAX 0191 482 5372 palintest@palintest.com |
|-----------------|--|

1.4. Emergency telephone number

| | |
|----------------------------|----------------------------|
| Emergency telephone | +44 (0)207 858 1228 (24hr) |
|----------------------------|----------------------------|

National emergency telephone number NHS Direct: 0845 4647 (England and Wales) NHS 24: 08454 24 24 24 (Scotland)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|------------------------------|----------------|
| Physical hazards | Not Classified |
| Health hazards | Not Classified |
| Environmental hazards | Not Classified |

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2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|----------------------|--|
| ADIPIC ACID | <5.5% |
| CAS number: 124-04-9 | EC number: 204-673-3 |
| | REACH registration number: 01-2119457561-38-XXXX |

Classification

Eye Irrit. 2 - H319

| | |
|---|--|
| ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT DIHYDRATE | 3-5% |
| CAS number: 6381-92-6 | REACH registration number: 01-2119486775-20-XXXX |

Classification

Acute Tox. 4 - H302
 Acute Tox. 4 - H312
 Acute Tox. 4 - H332
 Skin Irrit. 2 - H315
 Eye Irrit. 2 - H319
 STOT SE 3 - H335
 Aquatic Chronic 3 - H412

| | |
|-------------------------|--|
| DIBORON TRIOXIDE | <3.1% |
| CAS number: 1303-86-2 | EC number: 215-125-8 |
| | REACH registration number: 01-2119486655-24-XXXX |

Substance of very high concern (SVHC). This product is/contains a substance that is included in REGULATION (EC) No 1907/2006 (REACH) ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES.

Classification

Repr. 1B - H360FD

| | |
|---|--------------------------------|
| N, N-DIETHYL-P-PHENYLENE DIAMINE SULFATE | <2% |
| CAS number: 6283-63-2 | EC number: 228-500-6 |
| | REACH registration number: N/A |

Classification

Acute Tox. 4 - H302

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments This product contains a substance that is a SVHC.

SECTION 4: First aid measures

4.1. Description of first aid measures

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| | |
|---------------------|---|
| Inhalation | Unlikely route of exposure as the product does not contain volatile substances. |
| Ingestion | Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. |
| Skin contact | Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|---------------------|-----------------------------|
| Inhalation | No specific symptoms known. |
| Ingestion | No specific symptoms known. |
| Skin contact | No specific symptoms known. |
| Eye contact | No specific symptoms known. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|-----------------------------|------------------------------|
| Notes for the doctor | No specific recommendations. |
|-----------------------------|------------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|-------------------------------------|---|
| Suitable extinguishing media | Use fire-extinguishing media suitable for the surrounding fire. |
|-------------------------------------|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|--|
| Hazardous combustion products | No known hazardous decomposition products. |
|--------------------------------------|--|

5.3. Advice for firefighters

| | |
|---|---|
| Protective actions during firefighting | No specific firefighting precautions known. |
|---|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|---|
| Personal precautions | Follow precautions for safe handling described in this safety data sheet. |
|-----------------------------|---|

6.2. Environmental precautions

| | |
|----------------------------------|---|
| Environmental precautions | Not considered to be a significant hazard due to the small quantities used. |
|----------------------------------|---|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for cleaning up | No specific clean-up procedure recommended. |
|--------------------------------|---|

6.4. Reference to other sections

| | |
|------------------------------------|---|
| Reference to other sections | Wear protective clothing as described in Section 8 of this safety data sheet. |
|------------------------------------|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--------------------------|---|
| Usage precautions | Good personal hygiene procedures should be implemented. |
|--------------------------|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|--|
| Storage precautions | Keep only in the original container. Keep away from food, drink and animal feeding stuffs. Keep in a cool place. Keep container dry. |
|----------------------------|--|

7.3. Specific end use(s)

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Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

DIBORON TRIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

Short-term exposure limit (15-minute): WEL 20 mg/m³

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|-------------------|
| Appearance | Solid |
| Colour | White. |
| Odour | Odourless. |
| Solubility(ies) | Soluble in water. |

9.2. Other information

| | |
|-------------------|--------------------|
| Other information | No data available. |
|-------------------|--------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|------------|---|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---|

10.2. Chemical stability

| | |
|-----------|---|
| Stability | Stable under the prescribed storage conditions. |
|-----------|---|

10.3. Possibility of hazardous reactions

| | |
|------------------------------------|--------------------|
| Possibility of hazardous reactions | No data available. |
|------------------------------------|--------------------|

10.4. Conditions to avoid

| | |
|---------------------|---|
| Conditions to avoid | There are no known conditions that are likely to result in a hazardous situation. |
|---------------------|---|

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10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

ATE oral (mg/kg) 8,227.03

Acute toxicity - dermal

ATE dermal (mg/kg) 22,044.09

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 30.06

SECTION 12: Ecological information

Ecotoxicity Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity No data available.

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods No specific disposal method required.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

DPD No. 1 CLEAR TABLET**14.1. UN number**

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards**Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**Transport in bulk according to** Not applicable.**Annex II of MARPOL 73/78
and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|-----------------------|--|
| EU legislation | Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). |
|-----------------------|--|

15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

| | |
|----------------------------------|---|
| Revision comments | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| Issued by | L. Morgan |
| Revision date | 31/07/2020 |
| Revision | 31 |
| Supersedes date | 18/05/2020 |
| SDS status | Approved. |
| Hazard statements in full | H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H360FD May damage fertility if swallowed. May damage the unborn child if swallowed. H412 Harmful to aquatic life with long lasting effects. |

DPD No. 1 CLEAR TABLET

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.