

Palintest

Water Analysis Technologies

SAFETY DATA SHEET DPD No. 4 CLEAR TABLETS

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name	DPD No. 4 CLEAR TABLETS
Product number	SPH7010E, SPH7010AUST, SPH7010HO, AD-0412, AP041, PM056, WAG-WE10316, SPH7010US, PTH0503M, CKH1056, PTH071CN, AL300USA, AL200AUST, SPH7009E, SP709AUST, SP725AUST, SPR7009US, AK041, AK056, AL200, AL300, AP056, AR790HIL, CM056, PM041, WAG-WE10119, WAG-WE10156, AL300ROW, WAG-WE10344, SP709E, SP725E, AL300AUST, AL200ROW, AL200USA, SPH7025E, SPR7009E, SPR7025E, SPH7009AUST, SPH7009US, SP709US, SPH7025AUST, SPH7025US, SPR7025US, SPR7009AUST, SPR7025AUST, PTW10489CN, PTH043

Recommended use of the chemical and restrictions on use

Application	Testing water
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Details of the supplier of the safety data sheet

Supplier	PALINTEST USA 400 CORPORATE CIRCLE SUITE J GOLDEN COLORADO 80401 USA Tel: (720) 221-6878 Fax: (720) 496-4766 info@palintestusa.com
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Emergency telephone number

Emergency telephone	+44 (0)207 858 1228 (24hr)
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National emergency telephone number	+44 (0)207 858 1228 (24hr)
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2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2A - H319
Environmental hazards	Not Classified

Label elements

Hazard symbols



DPD No. 4 CLEAR TABLETS

Signal word	Warning
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 If on skin: Wash with plenty of water. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/ attention. P337+P313 If eye irritation persists: Get medical advice/ attention.

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

DI-SODIUM HYDROGEN PHOSPHATE	20-30%
CAS number: 10028-24-7	
Classification Eye Irrit. 2A - H319	
POTASSIUM IODIDE	10-20%
CAS number: 7681-11-0	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	
ADIPIC ACID	5-10%
CAS number: 124-04-9	
Classification Eye Irrit. 2A - H319	

DPD No. 4 CLEAR TABLETS

ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT DIHYDRATE	5-10%
CAS number: 6381-92-6	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 STOT SE 3 - H335 Aquatic Chronic 3 - H412	
BORIC ACID	<5.5%
CAS number: 10043-35-3	
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	<1%
CAS number: 6283-63-2	
Classification Acute Tox. 4 - H302	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information	Treat symptomatically.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air at once. Get medical attention.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Irritation of nose, throat and airway.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation.

DPD No. 4 CLEAR TABLETS

Eye contact May cause severe eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

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

Special hazards arising from the substance or mixture

Hazardous combustion products No known hazardous decomposition products.

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions 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.

Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

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

7. Handling and storage

Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. Avoid inhalation of dust and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

ADIPIC ACID

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³

DPD No. 4 CLEAR TABLETS

BORIC ACID

Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³

Short-term exposure limit (15-minute): ACGIH 6 mg/m³

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

Ingredient comments No exposure limits known for ingredient(s).

Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

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: Dust-resistant, chemical splash goggles.

Hand protection Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

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

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid
Color	White.
Odor	No characteristic odor.
Solubility(ies)	Soluble in water.
Other information	No data available.

10. Stability and reactivity

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

Stability Stable under the prescribed storage conditions.

Possibility of hazardous reactions No data available.

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

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

DPD No. 4 CLEAR TABLETS

Hazardous decomposition products No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Other health effects Causes skin irritation. May cause severe eye irritation.

Acute toxicity - oral

Summary May damage fertility or the unborn child if swallowed. May be harmful if swallowed.

ATE oral (mg/kg) 2,815.31531532

Acute toxicity - dermal

Summary Harmful in contact with skin. Causes skin irritation.

ATE dermal (mg/kg) 4,068.04733728

Acute toxicity - inhalation

Summary Harmful if inhaled. May cause respiratory irritation.

ATE inhalation (dusts/mists mg/l) 17.68867925

Skin corrosion/irritation

Summary Causes skin irritation.

Serious eye damage/irritation

Summary Causes serious eye irritation.

Carcinogenicity

IARC carcinogenicity No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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.

Toxicity No data available.

Persistence and degradability

Persistence and degradability No data available.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is soluble in water.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

DPD No. 4 CLEAR TABLETS

14. Transport information

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

UN Number

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

Packing group

Packing group (International) Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US Federal Regulations

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

ADIPIC ACID

Final CERCLA RQ: 5000(2270) pounds (Kilograms)

SARA 313 Emission Reporting

None of the ingredients are listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

Massachusetts "Right To Know" List

ADIPIC ACID

N, N-DIETHYL-P-PHENYLENE DIAMINE SULFATE

Rhode Island "Right To Know" List

ADIPIC ACID

DPD No. 4 CLEAR TABLETS**Minnesota "Right To Know" List***ADIPIC ACID***New Jersey "Right To Know" List***ADIPIC ACID***Pennsylvania "Right To Know" List***ADIPIC ACID***Inventories****Canada - DSL/NDSL***POTASSIUM IODIDE**ADIPIC ACID**ETHYLENEDIAMINETETRAACETIC ACID DI SODIUM SALT DIHYDRATE**SODIUM HYDROGEN CARBONATE**BORIC ACID**POTASSIUM CHLORIDE**N, N-DIETHYL-P-PHENYLENE DIAMINE SULFATE***US - TSCA***POTASSIUM DIHYDROGEN ORTHOPHOSPHATE**POTASSIUM IODIDE**ADIPIC ACID**SODIUM HYDROGEN CARBONATE**BORIC ACID**POTASSIUM CHLORIDE**N, N-DIETHYL-P-PHENYLENE DIAMINE SULFATE***US - TSCA 12(b) Export Notification**

None of the ingredients are listed or exempt.

Australia - AICS*POTASSIUM DIHYDROGEN ORTHOPHOSPHATE***16. Other information**

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	L. Morgan
Revision date	12/22/2020
Revision	18
Supersedes date	5/18/2020
SDS status	Approved.

DPD No. 4 CLEAR TABLETS

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.

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.