


**\* 1 Identification of the substance/mixture and of the company/undertaking****Product identifier****Trade name:** DPD No. 1**Article number:** 50035461**Relevant identified uses of the substance or mixture and uses advised against***No further relevant information available.***Application of the substance / the mixture** *Laboratory chemicals***Details of the supplier of the safety data sheet****Manufacturer/Supplier:***Endress+Hauser**Conducta GmbH+Co. KG**Dieselstraße 24**D-70839 Gerlingen***Further information obtainable from:***Phone: +49 (0)7156 209-117**Fax.: +49 (0)7156 209-222**E-Mail: [conducta\\_service@conducta.endress.com](mailto:conducta_service@conducta.endress.com)***Emergency telephone number:** 00971 800 424 ( from 7 am to 3 pm, from Sunday to Thursday)**\* 2 Hazards identification****Classification of the substance or mixture***The product is not classified, according to the Globally Harmonised System (GHS).***Label elements****GHS label elements** *Void***Hazard pictograms** *Void***Signal word** *Void***Hazard statements** *Void***Additional information:***Safety data sheet available on request.***Other hazards***The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.***Results of PBT and vPvB assessment****PBT:** *Not applicable.***vPvB:** *Not applicable.***3 Composition/information on ingredients****Chemical characterisation: Mixtures****Description:** *Mixture of substances listed below with nonhazardous additions.***Dangerous components:**

139-33-3	disodium dihydrogenethylenediaminetetraacetate	 Acute Tox. 4, H302	1-2.5%
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**Additional information:** *For the wording of the listed hazard phrases refer to section 16.***\* 4 First aid measures****Description of first aid measures****General information:** *No special measures required.***After inhalation:** *Supply fresh air; consult doctor in case of complaints.***After skin contact:** *Generally the product does not irritate the skin.***After eye contact:** *Rinse opened eye for several minutes under running water.*

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**Trade name: DPD No. 1**

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(Contd. of page 1)

**After swallowing:** *Rinse out mouth and then drink plenty of water.*

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed**

*Thirst*

*Gastric or intestinal disorders*

**Indication of any immediate medical attention and special treatment needed**

*No further relevant information available.*

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## 5 Firefighting measures

**Extinguishing media**

**Suitable extinguishing agents:** *Use fire extinguishing methods suitable to surrounding conditions.*

**For safety reasons unsuitable extinguishing agents:** *no further information*

**Special hazards arising from the substance or mixture**

*Nitrogen oxides (NO<sub>x</sub>)*

*Sulphur dioxide (SO<sub>2</sub>)*

*Carbon monoxide (CO)*

**Advice for firefighters****Protective equipment:**

*Wear self-contained respiratory protective device.*

*Wear fully protective suit.*

**Additional information**

*Collect contaminated fire fighting water separately. It must not enter the sewage system.*

*Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.*

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## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

*Avoid formation of dust.*

*Wear protective clothing.*

**Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*

**Methods and material for containment and cleaning up:** *Pick up mechanically.*

**Reference to other sections**

*No dangerous substances are released.*

*See Section 7 for information on safe handling.*

*See Section 8 for information on personal protection equipment.*

*See Section 13 for disposal information.*

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## \* 7 Handling and storage

**Handling:**

**Precautions for safe handling** *No special measures required.*

**Information about fire - and explosion protection:** *The product is not flammable.*

**Conditions for safe storage, including any incompatibilities****Storage:**

**Requirements to be met by storerooms and receptacles:** *No special requirements.*

**Information about storage in one common storage facility:** *Store away from oxidising agents.*

**Further information about storage conditions:**

*Store in dry conditions.*

*Protect from humidity and water.*

*Protect from exposure to the light.*

**Storage class:** 13

**Specific end use(s)** *No further relevant information available.*

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(Contd. on page 3)

Trade name: DPD No. 1

(Contd. of page 2)

## \* 8 Exposure controls/personal protection

**Additional information about design of technical facilities:** *No further data; see item 7.*

### Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

*The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

**Additional information:** *The lists valid during the making were used as basis.*

### Exposure controls

#### Personal protective equipment:

**General protective and hygienic measures:** *Do not eat, drink, smoke or sniff while working.*

#### Respiratory protection:

*Use suitable respiratory protective device only when aerosol or mist is formed.*

*Filter P1*

#### Protection of hands:

*Preventive skin protection by use of skin-protecting agents is recommended.*

*No chemical-protective gloves required.*

#### Material of gloves

*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

#### Penetration time of glove material

*Value for the permeation: Level  $\leq 1$*

*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*

**Eye protection:** *Not required.*

**Body protection:** *Protective work clothing*

## \* 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

Form:	Tablets
Colour:	White
Odour:	Odourless
Odour threshold:	Not determined.

#### Important information on protection of health and environment, and on safety.

**pH-value at 20 °C:** 6.2

#### Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

**Flash point:** *Not applicable.*

**Flammability (solid, gas):** *Not determined.*

**Decomposition temperature:** *Not determined.*

**Auto-ignition temperature:** *Product is not selfigniting.*

(Contd. on page 4)

Trade name: DPD No. 1

(Contd. of page 3)

<b>Explosive properties:</b>	<i>Product does not present an explosion hazard. Not determined.</i>
<b>Explosion limits:</b>	
<b>Lower:</b>	<i>Not determined.</i>
<b>Upper:</b>	<i>Not determined.</i>
<b>Vapour pressure:</b>	<i>Not applicable.</i>
<b>Density:</b>	<i>Not determined.</i>
<b>Relative density</b>	<i>Not determined.</i>
<b>Vapour density</b>	<i>Not applicable.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Solubility in / Miscibility with water:</b>	<i>Soluble.</i>
<b>Partition coefficient: n-octanol/water:</b>	<i>Not determined.</i>
<b>Viscosity:</b>	
<b>Dynamic:</b>	<i>Not applicable.</i>
<b>Kinematic:</b>	<i>Not applicable.</i>
<b>Solvent content:</b>	
<b>Solids content:</b>	<i>100.0 %</i>
<b>Other information</b>	<i>No further relevant information available.</i>

## 10 Stability and reactivity

**Reactivity** *No further relevant information available.*

### Chemical stability

**Thermal decomposition / conditions to be avoided:** *To avoid thermal decomposition do not overheat.*

**Possibility of hazardous reactions** *No dangerous reactions known.*

**Conditions to avoid** *No further relevant information available.*

**Incompatible materials:** *No further relevant information available.*

**Hazardous decomposition products:** *Carbon monoxide and carbon dioxide*

## \*11 Toxicological information

### Information on toxicological effects

#### Acute toxicity

#### Primary irritant effect:

**Skin corrosion/irritation** *No irritant effect.*

**Serious eye damage/irritation** *No irritating effect.*

**Respiratory or skin sensitisation** *No sensitising effects known.*

#### Additional toxicological information:

*The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.*

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

## 12 Ecological information

### Toxicity

**Aquatic toxicity:** *No further relevant information available.*

**Persistence and degradability** *No further relevant information available.*

#### Behaviour in environmental systems:

**Bioaccumulative potential** *No further relevant information available.*

**Mobility in soil** *No further relevant information available.*

(Contd. on page 5)

Trade name: DPD No. 1

(Contd. of page 4)

**Additional ecological information:****General notes:**

*Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.*

**Results of PBT and vPvB assessment**

**PBT:** *Not applicable.*

**vPvB:** *Not applicable.*

**Other adverse effects** *No further relevant information available.*

**\*13 Disposal considerations****Waste treatment methods**

**Recommendation** *Smaller quantities can be disposed of with household waste.*

**Uncleaned packaging:**

**Recommendation:** *Disposal must be made according to official regulations.*

**Recommended cleansing agents:** *Water, if necessary together with cleansing agents.*

**14 Transport information****UN-Number**

**ADR, ADN, IMDG, IATA** *Void*

**UN proper shipping name**

**ADR, ADN, IMDG, IATA** *Void*

**Transport hazard class(es)**

**ADR, ADN, IMDG, IATA**

**Class** *Void*

**Packing group**

**ADR, IMDG, IATA** *Void*

**Environmental hazards:**

**Marine pollutant:** *No*

**Special precautions for user** *Not applicable.*

**Transport in bulk according to Annex II of**

**Marpol and the IBC Code** *Not applicable.*

**Transport/Additional information:** *Not dangerous according to the above specifications.*

**UN "Model Regulation":** *Void*

**\*15 Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

**GHS label elements** *Void*

**Hazard pictograms** *Void*

**Signal word** *Void*

**Hazard statements** *Void*

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

**National regulations:**

**Waterhazard class:** *Water hazard class 2 (Self-assessment): hazardous for water.*

**Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

**16 Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

(Contd. on page 6)

# Safety data sheet

Page 6/6

according to 1907/2006/EC, Article 31

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Trade name: **DPD No. 1**

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(Contd. of page 5)

**Department issuing SDS:** PCC-TWRC

**Contact:** *MSDS@conducta.endress.com*

**Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 4: Acute toxicity – Category 4*

**\* Data compared to the previous version altered.**

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UAE