

**\* 1 Identification of the substance/mixture and of the company/undertaking**

**Product identifier**

Trade name: **DPD No. 1**

Article number: 50035461

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: +1 604 682 5050

**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*

**Other hazards**


*The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.*

**3 Composition/information on ingredients**

**Chemical characterisation: Mixtures**

Description: *Mixture of substances listed below with nonhazardous additions.*

**Dangerous components:**

139-33-3	disodium dihydrogenethylenediaminetetraacetate	1-5% *
	 Acute Toxicity (Oral) - Category 3, H301	

**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.*

**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*

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**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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## 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.*

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**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:**

<b>Form:</b>	<i>Tablets</i>
<b>Colour:</b>	<i>White</i>
<b>Odour:</b>	<i>Odourless</i>
<b>Odour threshold:</b>	<i>Not determined.</i>

**Important information on protection of health and environment, and on safety.****pH-value at 20 °C:** *6.2***Change in condition**

<b>Melting point/freezing point:</b>	<i>Undetermined.</i>
<b>Initial boiling point and boiling range:</b>	<i>Undetermined.</i>

**Flash point:** *Not applicable.***Flammability (solid, gas):** *Not determined.***Decomposition temperature:** *Not determined.***Auto-ignition temperature:** *Product is not selfigniting.***Explosive properties:** *Product does not present an explosion hazard.  
Not determined.***Explosion limits:**

<b>Lower:</b>	<i>Not determined.</i>
<b>Upper:</b>	<i>Not determined.</i>

**Vapour pressure:** *Not applicable.***Density:** *Not determined.***Relative density:** *Not determined.*

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Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with water:	Soluble.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Solvent content:	
Solids content:	100.0 %
Other information	No further relevant information available.

## 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.

#### 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.

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## 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

**TDG, ADN, IMDG, IATA** *Void*

### UN proper shipping name

**TDG, ADN, IMDG, IATA** *Void*

### Transport hazard class(es)

**TDG, ADN, IMDG, IATA**

**Class** *Void*

### Packing group

**TDG, 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*

### 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.*

**Department issuing SDS:** *PCC-TWRC*

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

**Date of the latest revision of the safety data sheet** *03/01/2019 / 1*

### Abbreviations and acronyms:

*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*

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