according to WHS Regulations

Printing date 16.02.2021

Endress+Hauser

People for Process Automation

Revision: 16.02.2021

## **SECTION 1: Identification**

**Product identifier** 

Trade name: <u>Trockenmittel für CUE21/CUE22</u> Synonym: Dessicant for CUE21/CUE22

Article number: 51518578

Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

Version number 4

Application of the substance / the mixture Drier/ Catalyst

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:

Regional representation: Endress+Hauser Australia Pty Ltd 16 Giffnock Avenue Macquarie Park, NSW 2113 Australia

Phone: 1300 363 707 Phone: +61 2 8877 7000 Phone: +49 (0)7156 209-117 Fax.: +49 (0)7156 209-222 E-Mail: MSDS.PCC @endress.com

Emergency telephone number: Poison Hotline: 13 11 26

# **SECTION 2: Hazard(s) 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 Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

## **SECTION 3: Composition and Information on Ingredients**

Mixtures Description: Mixture of non-hazardous substances

**Dangerous components:** Void **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## **SECTION 4: First Aid Measures**

Description of first aid measures

General information: No special measures required.

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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: If symptoms persist consult doctor. Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

# **SECTION 5: Fire Fighting 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 No further relevant information available. Advice for firefighters no further information Protective equipment: No special measures required.

## **SECTION 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures 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

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## **SECTION 7: Handling and Storage**

**Precautions for safe handling** *No special measures required.* **Information about fire - and explosion protection:** *No special measures required.* 

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: Not required. Further information about storage conditions: None. Storage class: 11 Specific end use(s) No further relevant information available.

## **SECTION 8: Exposure controls and personal protection**

#### **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**

Appropriate engineering controls *No further data; see item 7.* Individual protection measures, such as personal protective equipment

### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

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Respiratory protection: Not required.

Hand protection 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

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

Eye/face protection Not required.

Body protection: Protective work clothing

## **SECTION 9: Physical and Chemical Properties**

Information on basic physical and chemical prop General Information	perties
Physical state	Solid
Colour:	According to product specification
Odour:	Odourless
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	ondetermined.
range	Undetermined.
Flammability	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable.
Auto-ignition temperature:	Product is not selfigniting.
pH	Not applicable.
Viscosity:	
Kinematic viscosity	Not applicable.
Dynamic:	Not applicable.
Solubility	
water:	Insoluble.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not applicable.
Density and/or relative density	
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not applicable.
Other information	
Appearance:	
Form:	Solid material
Important information on protection of health	
and environment, and on safety.	
Explosive properties:	Product does not present an explosion hazard.
	Not determined.
Solvent content:	
Solids content:	100.0 %
Change in condition	
Evaporation rate	Not applicable.
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Information with regard to physical hazard classes		
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flammable		
gases in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

## **SECTION 10: Stability and Reactivity**

Reactivity No further relevant information available. Chemical stability Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. 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: No dangerous decomposition products known.

# **SECTION 11: Toxicological Information**

## Information on other hazards

## **Endocrine disrupting properties**

None of the ingredients is listed.

## **SECTION 12: Ecological Information**

### Toxicity

Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties. Other adverse effects Additional ecological information: General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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## Trade name: Trockenmittel für CUE21/CUE22

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## **SECTION 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.

## **SECTION 14: Transport information**

UN number or ID number ADG, IMDG, IATA UN proper shipping name ADG, IMDG, IATA Transport hazard class(es)	Void Void
ADG, ADN, IMDG, IATA Class Packing group ADG, IMDG, IATA Environmental hazards:	Void Void
Marine pollutant: Special precautions for user Maritime transport in bulk according to IMC instruments	No Not applicable. Not applicable.
Transport/Additional information: UN "Model Regulation":	Not dangerous according to the above specifications. Void

# **SECTION 15: Regulatory information**

Safety, health and environmental regulations/legislation specific for the substance or mixture

 Australian Inventory of Industrial Chemicals

 All ingredients are listed.

 Standard for the Uniform Scheduling of Medicines and Poisons

 None of the ingredients is listed.

 Australia: Priority Existing Chemicals

None of the ingredients is listed.

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 1 (Self-assessment): slightly hazardous for water. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## **SECTION 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

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### Trade name: Trockenmittel für CUE21/CUE22

Contact: MSDS.pcc @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

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