

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date Aug 7, 2019

Date of compilation: Jun 14, 2017

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

##### 1.1 Product identifier

**Trade name:** 10x CB (pH 7.2)

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

No further relevant information available.

##### Application of the substance / the mixture

Laboratory chemical

##### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Cellendes GmbH

Markwiesenstr. 55

72770 Reutlingen

Telephone: +49 7121 15940 0

Fax: +49 7121 15940 99

info@cellendes.com

www.cellendes.com

##### Informing department:

Dr. Helmut Wurst

Telephone: +49 7121 15940 0

##### 1.4 Emergency telephone number:

**Dr. Helmut Wurst**

Telephone: +49 7121 15940 0 (8 - 16 hour)

**National Poisons Information Service (Birmingham Unit)**

Telephone: +44 121 507 4123

#### SECTION 2: Hazards identification

##### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

##### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008**

Not required

**Hazard pictograms**

Void

**Signal word**

Not required

**Hazard statements**

Void

**Precautionary statements**

Not required

##### 2.3 Other hazards

**Results of PBT and vPvB assessment**

**PBT:**

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*Not applicable***vPvB:***Not applicable.***SECTION 3: Composition/information on ingredients****3.2 Mixtures***No component needs to be disclosed according to applicable regulations.***SECTION 4: SECTION 4: First aid measures****4.1 Description of first aid measures****General information***No special measures required.***After inhalation***No special measures are necessary.***After skin contact***No special measures are necessary.***After eye contact***Flush eyes with water as a precaution***After swallowing***Rinse mouth with water.***4.2 Most important symptoms and effects, both acute and delayed***Symptoms and effects are not known to date***4.3 Indication of any immediate medical attention and special treatment needed***No data available***SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents***The product is not flammable***For safety reasons unsuitable extinguishing agents***Not applicable***5.2 Special hazards arising from the substance or mixture***No data available***5.3 Advice for firefighters***Non-combustible.*

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#### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures***Not required.***6.2 Environmental precautions:***No special measures required.***6.3 Methods and material for containment and cleaning up:****Advices on how to contain a spill***No special measures are necessary***Advices on how to clean up a spill***Absorb with liquid-binding material (cloth, fleece, sand, diatomite, universal binders, sawdust).***6.4 Reference to other sections***See Section 13 for information on disposal.*

#### SECTION 7: Handling and storage

**7.1 Precautions for safe handling***No special measures required.***Information about protection against explosions and fires:***No special measures required.***7.2 Conditions for safe storage, including any incompatibilities****Incompatible substances or mixtures***Observe hints for combined storage.***Storage***Recommended storage temperature: -20°C***Storage class***12***7.3 Specific end use(s)***No further relevant information available.*

#### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters****Components 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.***8.2 Exposure controls****Appropriate engineering controls***General industrial hygiene practice***Individual protection measures**

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**General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

**Respiratory protection :**

Usually no personal respirative protection necessary.

**Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

**Recommended thickness of the material:**

≥0.10 mm

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.

**As protection from splashes gloves made of the following materials are suitable:**

PVC gloves

**Not suitable are gloves made of the following materials:**

Strong gloves

Leather gloves

**Eye/face protection:**

Not required.

**Skin protection:**

Not required.

## SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties****General Information****Appearance:**

**Physical state:** liquid

**Colour:** red

**Odour:** odourless

**Odour threshold:** Not applicable

**pH-value:** 7.2

**Change in condition**

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<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	100°C at 1.013 hPa
<b>Flash point:</b>	Not determined
<b>Evaporation rate</b>	no data available
<b>Flammability (solid, gaseous)</b>	Not applicable
<b>Explosive limits:</b>	
<b>lower explosion limit (LEL)</b>	this information is not available
<b>upper explosion limit (UEL)</b>	this information is not available
<b>Vapour pressure at 20 °C:</b>	this information is not available
<b>Density</b>	Not determined
<b>Relative density</b>	Not determined
<b>Vapour density</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Fully miscible
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity:</b>	
<b>dynamic:</b>	Not determined
<b>kinematic:</b>	Not determined

**9.2 Other information**

No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

This material is not reactive under normal ambient conditions.

**10.2 Chemical stability**

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

There are no specific conditions known which have to be avoided.

**10.5 Incompatible materials:**

No further relevant information available.

**10.6 Hazardous decomposition products:**

No dangerous decomposition products known

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

This substance does not meet the criteria for classification in accordance with Regulation No

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1272/2008/EC.

**Acute toxicity***Based on available data, the classification criteria are not met.***Skin corrosion/irritation***Based on available data, the classification criteria are not met.***Serious eye damage/irritation***Based on available data, the classification criteria are not met.***Respiratory or skin sensitisation***Based on available data, the classification criteria are not met.***Germ cell mutagenicity***Based on available data, the classification criteria are not met.***Carcinogenicity***Based on available data, the classification criteria are not met.***Reproductive toxicity***Based on available data, the classification criteria are not met.***STOT-single exposure***Based on available data, the classification criteria are not met.***STOT-repeated exposure***Based on available data, the classification criteria are not met.***Aspiration hazard***Based on available data, the classification criteria are not met.***SECTION 12: Ecological information****12.1 Toxicity***acc. to 1272/2008/EC: Shall not be classified as hazardous to the aquatic environment.***12.2 Persistence and degradability***No data available***12.3 Bioaccumulative potential***No further relevant information available.***12.4 Mobility in soil***No further relevant information available.***12.5 Results of PBT and vPvB assessment****PBT:***Not applicable.***vPvB:***Not applicable.***12.6 Other adverse effects***No further relevant information available.*

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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

No waste related measures required.

**SECTION 14: Transport information****14.1 UN-Number**

Not subject to transport regulations

**14.2 UN proper shipping name**

Not relevant

**14.3 Transport hazard class(es)**

Not relevant

**14.4 Packing group**

Not relevant

**14.5 Environmental hazards:**

None

**14.6 Special precautions for user**

No additional information

**14.7 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

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Relevant provisions of the European Union (EU)****Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)**

Not listed

**Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)**

Not listed

**Regulation 850/2004/EC on persistent organic pollutants (POP)**

Not listed

**Restrictions according to REACH, Annex XVII**

Not listed

**List of substances subject to authorisation (REACH, Annex XIV)**

Not listed

**Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II**

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*Not listed***Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)***Not listed***Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)***Not listed***National inventories****Substance is listed in the following national inventories:****EINECS/ELINCS/NLP (Europe)****REACH (Europe)****15.2 Chemical safety assessment:***A Chemical Safety Assessment has not been carried out.***SECTION 16: Other information**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**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**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**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*