

PERACTIVE CB000010027120, Version 1.0
US / EN

Revision Date 06/28/2016

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATIONProduct name : PERACTIVE CB
Product code : 000010027120**Manufacturer or supplier's details**Company : WeylChem Wiesbaden GmbH
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Kastelerstr. 45
65203 Wiesbaden
GermanyTelephone : +49 611 962 5777
Prepared by : geraldine.primazot@weylchem.comEmergency telephone : +1 215 207 0061 (24 H)
number**Recommended use of the chemical and restrictions on use**

Recommended use : Bleach activator

SECTION 2. HAZARDS IDENTIFICATION**Emergency Overview**

Appearance	granular
Colour	light beige
Odour	characteristic
Hazard Summary	Risk of dust explosion.

GHS Classification

Not a hazardous substance or mixture.

GHS-Labeling - Label elements

Not a hazardous substance or mixture.

Potential Health Effects

Inhalation : May cause respiratory tract irritation.

Skin : May cause skin irritation.

Eyes : May cause eye irritation.

Ingestion : Not expected to be toxic.

Aggravated Medical Condition : None known.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

No hazardous ingredients

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing.

If inhaled : When dust is intensively inhaled, seek medical help immediately.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.

In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

If swallowed : Get medical attention immediately.

Most important symptoms and effects, both acute and delayed : None known.
None known.

Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray jet
Foam

Unsuitable extinguishing media : Dry powder
Carbon dioxide (CO₂)
High volume water jet

Specific hazards during firefighting : Risk of dust explosion.
Nitrogen oxides (NO_x)

Special protective equipment for firefighters : Self-contained breathing apparatus
Full protective suit

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : In the case of vapour formation use a respirator with an approved filter.
In the case of dust or aerosol formation use respirator with an approved filter.
Avoid dust formation.
- Environmental precautions : Prevent product from entering drains.
Do not contaminate water.
- Methods and materials for containment and cleaning up : Pick up mechanically. Rinse away rest with water.

SECTION 7. HANDLING AND STORAGE**Handling**

- Advice on safe handling : Avoid dust formation.
Avoid dust accumulation in enclosed space.
Use only in well-ventilated areas.
- Advice on protection against fire and explosion : Risk of dust explosion.
Take precautionary measures against build-up of electrostatic charges, e.g earthing during loading and off-loading operations.
- Dust explosion class : Capable of dust explosion

Storage

- Requirements for storage areas and containers : Keep only in the original container.
- Further information on storage conditions : Keep container tightly closed.
Keep away from heat and sources of ignition.
- Advice on common storage : Avoid storage near incompatible agents (see section 10).
Keep away from food and drink.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

not determined

- Engineering measures** : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.

Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust

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ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Particle-filtering half-mask according to DIN EN 149 Filter class FFP2

Hand protection	
Remarks	: Protective gloves complying with EN 374. Minimum thickness (glove): not determined
Eye protection	: Safety glasses
Protective measures	: Do not breathe dust.
Hygiene measures	: Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: granular
Colour	: light beige
Odour	: characteristic
pH	: 6 - 8, Concentration: 1 g/l (20 °C)
Melting point/range	: ca. 150 °C
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: Not applicable
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density	: Not applicable
Relative density	: Not applicable
Density	: No data available
Bulk density	: ca. 650 kg/m ³
Solubility(ies)	
Water solubility	: ca. 1 g/l soluble (20 °C)
Solubility in other solvents	: No data available

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Partition coefficient: n-octanol/water	:	Not applicable
Ignition temperature	:	Not applicable
Thermal decomposition	:	ca. 210 °C Method: DTA
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Flow time	:	Not applicable
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Surface tension	:	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	See section 10.3. "Possibility of hazardous reactions"
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	Carbon monoxide Carbon dioxide (CO ₂) Nitrogen oxides (NO _x)

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity	:	LD50 Rat: > 2,000 mg/kg Method: OECD Test Guideline 401 GLP: yes
Acute inhalation toxicity	:	LC50 Rats (Male/Female): > 2.08 mg/l Exposure time: 4 h

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Method: OPPTS 870.1300
GLP: yesAcute dermal toxicity : LD50 Rats (Male/Female): > 2,000 mg/kg
Method: OPPTS 870.1200
GLP: yes**Skin corrosion/irritation****Product:**Species: Rabbit
Result: No skin irritation
Method: OPPTS 870.2500
GLP: yes**Serious eye damage/eye irritation****Product:**Species: rabbit eye
Result: No eye irritation
Method: OECD Test Guideline 405
GLP: yes**Respiratory or skin sensitisation****Product:**Test Method: Guinea pig maximization test
Species: Guinea pig
Result: negative
Method: OPPTS 870.2600
GLP: yes**Germ cell mutagenicity****Product:**

Genotoxicity in vitro : Remarks: No data available

Germ cell mutagenicity-
Assessment :

Not mutagenic in Ames Test

In vitro cytogenetic negative.

Carcinogenicity**Product:**

Remarks: No data available

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Carcinogenicity - Assessment : No information available.

Reproductive toxicity

Product:

Reproductive toxicity - Assessment :

No toxicity to reproduction

STOT - single exposure

Product:

Remarks: No data available

STOT - repeated exposure

Product:

Remarks: No data available

Repeated dose toxicity

Product:

Rat, male and female:
NOAEL: 90 mg/kg
Application Route: oral (gavage)
Dose: 0, 90, 250, 800 mg/kg bw/d
Method: OECD Test Guideline 408
GLP: yes

Rat, male and female:
NOAEL: 200 mg/kg
LOAEL: 2,000 mg/kg
Application Route: Dermal
Dose: 0, 20, 200, 2000 mg/kg bw/d
GLP: yes

Aspiration toxicity

Product:

No data available

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Further information**Product:**

Remarks: Information refers to the main component.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 500 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: no
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l
Exposure time: 48 h
Method: OPPTS 850.1010
GLP: yes
Remarks: static test
- NOEC (Daphnia magna (Water flea)): 500 mg/l
Method: OECD Test Guideline 211
GLP: yes
Remarks: semi-static test
- Toxicity to algae : EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): > 1,000 mg/l
End point: Growth rate
Exposure time: 72 h
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes
- Toxicity to bacteria : EC50 : > 1,000 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
GLP: no
- Toxicity to soil dwelling organisms : NOEC: 500 mg/kg
Exposure time: 56 d
End point: Reproduction
Species: Eisenia fetida (earthworms)
Method: OECD Test Guideline 222
GLP: yes
- Plant toxicity : 359 mg/l
Species: Lumbriculus variegatus (Worm)
GLP: yes

Persistence and degradability

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Product:

Biodegradability : Biodegradation: > 98 %
Exposure time: 28 d
Method: OECD Test Guideline 301A
Remarks: Information refers to the main component.

Biodegradation: 90 - 100 %
Exposure time: 59 d
Method: OECD Test Guideline 311
Remarks: Information refers to the main component.

Chemical Oxygen Demand (COD) : 1,130 mg/g
Method: calculated

Physico-chemical removability : Remarks: No data available

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.
No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Partition coefficient: n-octanol/water : Remarks: Not applicable

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: No data available

Other adverse effects**Product:**

Environmental fate and pathways : Remarks: No data available

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional ecological information : Ecological data given refer to the main component.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : In accordance with local authority regulations, take to special waste incineration plant or underground disposal site

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Dispose of contents/ container to an approved landfill.

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

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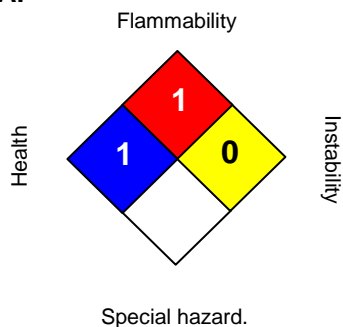
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Further information

NFPA:



HMIS III:

HEALTH	1*
FLAMMABILITY	0
PHYSICAL HAZARD	

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Observe national and local legal requirements

Observe all necessary precautions for handling fine powders to control dust. May present dust explosion hazard. Reference exposure limit: ACGIH (TLV) for particulate matter - 10 mg/m³ inhalable particulates, 3 mg/m³ respirable particulates. OSHA Permissible Limit (PEL) for particulate matter: total dust: 15 mg/m³; respirable fraction: 5 mg/m³

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.