

# SAFETY DATA SHEET



## Peractive AC blue

Version 4.3  
Revision Date: 07.11.2022  
SDS Number: 000010005347  
Date of last issue: 12/21/2020  
Print Date: 21.03.2024  
US / EN

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### SECTION 1. IDENTIFICATION

Product name : Peractive AC blue

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

Company : Catexel GmbH  
Industriepark Kalle-Albert  
Kasteler Straße 45  
Wiesbaden 65203  
Germany

Telephone : + 49 (0)611 962 5658  
E-mail address Responsible/issuing person : +49 69 4109 2710  
sdb@cassella-chemiepark.de

#### Emergency telephone number

Emergency telephone number : 24-7 Emergency Advice North America  
+1 8772717077

#### Recommended use of the chemical and restrictions on use

Recommended use : Bleaching agents

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Substance name : Tetra acetyl ethylene diamine with sodium carboxy-methyl cellulose

#### Components

No hazardous ingredients

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### SECTION 4. FIRST AID MEASURES

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

If inhaled : If inhaled, remove to fresh air.  
Get medical advice/ attention.

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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.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray jet  
Foam

Unsuitable extinguishing media : Dry powder

Specific hazards during fire-fighting : Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
  
Nitrogen oxides (NO<sub>x</sub>)

Special protective equipment for firefighters : Self-contained breathing apparatus

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid dust formation.  
Wear suitable protective clothing.  
For personal protection see section 8.  
For disposal considerations see section 13.  
Contain spill. Ensure adequate ventilation and wear appropriate personal protective equipment. Collect onto inert absorbent. Place in sealable container. Do not allow to contaminate water sources or sewers.

Environmental precautions : Prevent product from entering drains.  
Do not contaminate water.

Methods and materials for containment and cleaning up : Use mechanical handling equipment.  
Flush with water.

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### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.  
Keep away from sources of ignition - No smoking.

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- Advice on safe handling : Use only in well-ventilated areas.  
Avoid dust formation.  
Avoid dust accumulation in enclosed space.
- Conditions for safe storage : Keep only in the original container.
- Further information on storage conditions : Store in a dry place.
- Materials to avoid : Keep away from oxidizing agents.
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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

- Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

#### Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.  
Respirator with a half face mask  
Effective dust mask  
  
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.  
Avoid contact with skin and eyes.
- 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.
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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	granular
Colour	:	blue
Odour	:	characteristic
pH	:	6 - 8 (68 °F / 20 °C) Concentration: 1 g/l
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	Not applicable
Relative vapour density	:	Not applicable
Relative density	:	Not applicable
Density	:	No data available
Bulk density	:	ca. 420 kg/m <sup>3</sup>
Solubility(ies)		
Water solubility	:	ca. 1 g/l soluble (68 °F / 20 °C)
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable

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Flow time : Not applicable

Explosive properties : Potential dust explosion hazard.  
Method: Expert judgement

Oxidizing properties : The substance or mixture is not classified as oxidizing.  
Method: Expert judgement

Surface tension : Not applicable

Dust deflagration index (Kst) : 56 m.b\_/s

Dust explosion class : Capable of dust explosion

Minimum ignition energy : > 1,000 mJ

Particle size : No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : See section 10.3. "Possibility of hazardous reactions"

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : With oxidizing agents possible.

Conditions to avoid : None known.

Incompatible materials : Oxidizing agents

Hazardous decomposition products : Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

no

#### Acute toxicity

##### Product:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

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### Skin corrosion/irritation

**Product:**

Remarks : No data available

### Serious eye damage/eye irritation

**Product:**

Remarks : No data available

### Respiratory or skin sensitisation

**Product:**

Remarks : No data available

### Germ cell mutagenicity

**Product:**

Genotoxicity in vitro : Remarks: No data available

### Carcinogenicity

**Product:**

Remarks : No data available

### STOT - single exposure

**Product:**

Remarks : No data available

### STOT - repeated exposure

**Product:**

Remarks : No data available

### Repeated dose toxicity

**Product:**

Remarks : No information available.

### Aspiration toxicity

**Product:**

No data available

### Further information

**Product:**

Remarks : No data available

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### 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
- Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available
- Toxicity to algae/aquatic plants : Remarks: No data available
- Toxicity to microorganisms : EC50 (Pseudomonas putida): > 800 mg/l  
Method: DIN 38412 T.8

#### Persistence and degradability

##### 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.
- Biodegradation: > 97 %  
Exposure time: 9 d  
Method: OECD Test Guideline 302B
- Chemical Oxygen Demand (COD) : 1,260 mg/g
- Dissolved organic carbon (DOC) : 435 mg/g
- Physico-chemical removability : Remarks: No data available

#### Bioaccumulative potential

##### Product:

- Bioaccumulation : Remarks: No data available

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### 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 : Remarks: No information is available as no chemical safety report (CSR) is required.

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with the European Directives on waste and hazardous waste.  
In accordance with local and national regulations.

Consult local, state, and federal regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### **UNRTDG**

Not regulated as a dangerous good

#### **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

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### SECTION 15. REGULATORY INFORMATION

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

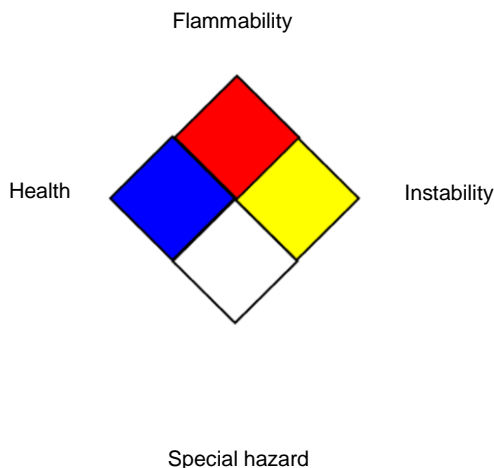
Components	CAS-No.	Component TPQ (lbs)
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**SARA 313** : This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA 704:



##### HMIS® IV:

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>1</b>
<b>PHYSICAL HAZARD</b>		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

#### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International

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Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Observe national and local legal requirements

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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.

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