

SAFETY DATA SHEET



Peractive AC white

Version 5.5
US / EN

Revision Date: 24.10.2023

SDS Number: 000010079858

Date of last issue: 03/13/2023
Print Date: 21.03.2024

SECTION 1. IDENTIFICATION

Product name : Peractive AC white

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

SECTION 2. HAZARDS IDENTIFICATION

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

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

GHS label elements

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

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

CAS-No. : Not Assigned

No hazardous ingredients

SECTION 4. FIRST AID MEASURES

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

If inhaled : If inhaled, remove to fresh air.

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Get medical advice/ attention.

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 : Carbon dioxide (CO₂)
Dry powder

Specific hazards during fire-fighting : Risk of dust explosion.

Carbon monoxide
Nitrogen oxides (NO_x)

Special protective equipment for firefighters : Self-contained breathing apparatus

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.
Wear appropriate protective equipment. Avoid breathing and generating dusts. Sweep or scoop material into containers for reuse or disposal.

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.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Take precautionary measures against build-up of electrostatic charges, e.g earthing during loading and off-loading opera-

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- tions.
Keep away from sources of ignition - No smoking.
- 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.
-

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

No data available

- 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 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

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before reuse.
Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	granular
Colour	:	white
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 ³
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
Ignition temperature	:	No data available
Decomposition temperature	:	No data available

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Viscosity
Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

Flow time : Not applicable

Explosive properties : Not explosive
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 : St1

Minimum ignition energy : > 1,000 mJ

Particle size : No data available

Particle Size Distribution : D50 = 864 µm

Hot Surface Ignition Temperature (HSIT) : 698 °F / 370 °C

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 (CO₂)
Nitrogen oxides (NO_x)

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SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

no

Acute toxicity

Product:

- Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 401
GLP: yes
Remarks: Information refers to the main component.
- Acute inhalation toxicity : LC50 (Rat): > 2.08 mg/l
Exposure time: 4 h
Method: OPPTS 870.1300
GLP: yes
Remarks: Information refers to the main component.
- Acute dermal toxicity : LD50 (Rats (Male/Female)): > 2,000 mg/kg
Method: OPPTS 870.1200
GLP: yes
Remarks: Information refers to the main component.

Skin corrosion/irritation

Product:

- Species : Rabbit
Method : OPPTS 870.2500
Result : No skin irritation
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 Type : Guinea pig maximization test
Species : Guinea pig
Method : OPPTS 870.2600
Result : negative
GLP : yes

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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

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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:

Species : Rats (Male/Female), 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

Species : Rats (Male/Female), male and female

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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

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/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l
End point: Growth rate
Exposure time: 72 h
Analytical monitoring: yes
Method: OECD Test Guideline 201
GLP: yes

Toxicity to microorganisms : EC50: > 1,000 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209
GLP: no

Toxicity to soil dwelling organisms : NOEC (Eisenia fetida (earthworms)): 500 mg/kg
Exposure time: 56 d

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End point: Reproduction rate
Method: OECD Test Guideline 222
GLP: yes

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: > 90 %
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: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

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 mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

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Endocrine disrupting potential : There is no evidence of endocrine disrupting properties for the environment.
Remarks: Based on available data, the classification criteria are not met.

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

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.
Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

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

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

Special precautions for user

Not applicable

Not applicableSECTION 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 does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

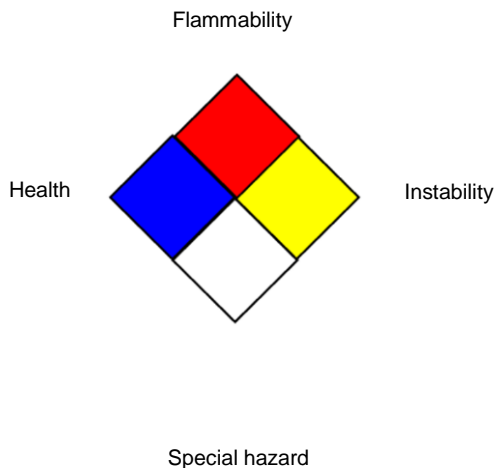
California Prop. 65

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

Further information

NFPA 704:



HMIS® IV:

HEALTH		1
FLAMMABILITY		1
PHYSICAL HAZARD		

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

