



COVER SHEET FOR SAFETY DATA SHEET

according to REACH Regulation (EC) 1907/2006 as amended by Regulation (EU) 2020/878

Details of the supplier of the safety data sheet

Ekokoza s.r.o., ID: 07508247
Fryčovice 297, 73945 Fryčovice
eshop@ekokoza.cz, +420605779993

Telephone number for emergencies

Telephone number for emergencies

Country	Organization/Company	Address	Telephone number for emergencies	Comment
Czech Republic	Toxicology Information Center Clinic of Occupational Medicine VFN and 1st Faculty of Medicine UK	On the Battlefield 1 120 00 Prague 2	+420 224 919 293 +420 224 915 402	

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Peractive AC Blue

Version	Revision date:	BL (safety	Date of printing: 30/11/2022
1.3	29/11/2022	data sheet) number:	Date of last issue: 21/12/2020
CZ / CS			
		000010005347	

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

1.1 Product identifier

Trade name	: Peractive AC Blue
Product code	: 000000010528523782
Other means of identification	: Tetra acetyl ethylene diamine with Na-carboxymethyl cellulose

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

Use of the substance or mixture	: Detergent Bleach
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1.3 Detailed data on the supplier of the safety data sheet

Ekokoza s.r.o., ID: 07508247
Fryšovice 297, 73945 Fryšovice
eshop@ekokoza.cz, +420605779993

1.4 Telephone number for emergency situations

Emergency telephone number: +420224919293, +420224915402 (phone 24h/
daily) Toxicological information center, Na Bojišti 1, 128 08 Prague 2)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No. 1272/2008)

Not a hazardous substance or mixture.

2.2 Marking elements

Labeling (REGULATION (EC) No. 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

Possible dust explosion hazard.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

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Comment : Does not contain dangerous components

SECTION 4: First aid measures

4.1 Description of first aid

General instructions	: Remove all contaminated clothing immediately.
When inhaled	: In case of inhalation, remove victim to fresh air. Seek medical attention/treatment.
In contact with skin	: In case of contact, immediately rinse skin with large amount of water and soap.
In contact with eyes	: In case of contact, immediately flush eyes with plenty of water amount of water for at least 15 minutes.
When ingested	: Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Risks : Not known.

4.3 Indication of immediate medical attention and special treatment

Treatment : Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Fire extinguishers

Suitable extinguishing agents	: spraying with a water jet Foam
Unsuitable fire extinguishers	: Dry powder

5.2 Special hazards arising from the substance or mixture

Specific hazards with fire fighting : Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)

5.3 Instructions for firefighters

Special protective equipment for firefighters : Self-contained breathing apparatus

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SECTION 6: Accidental release measures

6.1 Personal protection measures, protective equipment and emergency procedures

Measures for the protection of persons : It is necessary to exclude the formation of dust.
Use suitable protective clothing.
Personal protection see section 8.
See point 13 for disposal instructions.

6.2 Environmental protection measures

Environmental protection : Take preventive measures to prevent the product from entering the
measures sewage system.
Do not pollute waterways.

6.3 Methods and material for containment and cleaning up

Cleaning methods : Pick up mechanically.
Rinse with water.

6.4 Reference to Other Sections

Disposal instructions see point 13., Personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Instructions for safe handling : Use only in well-ventilated areas.

It is necessary to exclude the formation of dust.
Avoid the accumulation of dust in an enclosed space.

Instructions for protection : Protect against electrostatic charges. Keep away from sources of ignition - No
against fire and explosion smoking.

Hygiene measures : Wash your hands before a work break and after finishing work.
Use a protective skin cream before handling the product.
Remove all contaminated clothing immediately and wash before reuse.

Do not eat, drink or smoke while using this product.

Dust explosion class : explosive as dust

7.2 Conditions for safe storage of substances and mixtures, including incompatible substances and mixtures

Storage requirements : Keep only in the original packaging.
premises and containers

More information on : Store in a dry place.
storage conditions

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Storage instructions : Keep away from oxidizing agents.

7.3 Specific end / specific end uses

Specific (specific) use : No other recommendations

SECTION 8: Exposure controls / personal protective equipment

8.1 Control parameters

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	Area of use	Exposure routes	Possible health effects		Value
N,N'-ethylenebis[N-acetylacetamide]	Workers	Cutaneous	Long-term - systemic effects		20 mg/kg body weight/day
	Workers	Inhalation	Long-term - systemic effects		6.4 mg/m3
	The entire population	of Kožní	Long-term - systemic effects		10 mg/kg body weight/day
	Entire population	Inhalation	Long-term - systemic effects		75 mg/m3
	Whole population	Orally	Long-term - systemic effects		0.45 mg/kg body weight/day

Estimated no-adverse-effect concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environment	Value
N,N'-ethylenebis[N-acetylacetamide]	Fresh water	10 mg/l
	salt water	0.5 mg/l
	Water (intermittent release)	10 mg/l
	Freshwater sediment	2.5 mg/kg sediment (dry weight)
	Soil	5 mg/kg soil (dry weight)
	Sewage treatment plant	10 mg/l
	Orally	3 mg/kg food

8.2 Limiting Exposure

Technical measures

It is recommended to ensure local ventilation - mechanical ventilation can also be used.

Personal protective equipment

Eye and face protection : Safety glasses

Hand protection

Comment : Protective gloves conforming to EN 374. Minimum thickness

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(gloves): not determined

Respiratory protection

: Use respiratory protection if adequate local ventilation is not provided or if exposure assessment does not verify that exposure does not exceed prescribed limit values.

The filtration class of the respirator must meet the expected maximum contaminant concentration (gas/vapors/aerosol/ particles) that may arise when handling the product. If this concentration is exceeded, a self-contained breathing apparatus must be used.

Breathing apparatus with half mask
Effective dust mask

Protective measures

: Do not inhale dust.
Avoid contact with skin and eyes.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical condition : granulate

Color : blue

Odor : characteristic

Melting point/range : Data not available

Boiling point/boiling range : No data available

Upper explosion limit / Upper flammability limit : Data not available

Lower explosive limit / Lower flammability limit : Data not available

Flash-point : Not applicable

Ignition temperature : Data not available

Decomposition temperature : Data not available

pH : 6 - 8 (20 °C)
Concentration: 1 g/l

Viscosity

Dynamic viscosity : Not applicable

Kinematic viscosity : Not applicable

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Discharge time	: Not applicable
Solubility	
Solubility in water	: approx. 1 g/l (20 °C) soluble substance
Solubility in other solvents	: Data not available
Partition coefficient: n-octanol/ water	: Data not available
Steam pressure	: Not applicable
Relative density	: Not applicable
Density	: Data not available
Bulk density	: approx. 420 kg/m ³
Relative vapor density	: Not applicable
Particle size	
Evaluation	: Not applicable
Particle size	: Data not available
face	: Data not available
Surface treatment / coatings	: Not applicable

9.2 Additional Information

Explosives	: Possible dust explosion hazard. Method: Expert opinion
Oxidizing properties	: The substance or mixture is not classified as oxidizing. Method: Expert opinion
Deflagration constant for dust (K _{st})	: 56 m.b./s
Dust explosion class	: explosive as dust
Evaporation rate	: Not applicable
Miscibility with water	: not set
Surface tension	: Not applicable
Minimum ignition energy	: > 1,000 mJ

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SECTION 10: Stability and reactivity

10.1 Reactivity

See section 10.3 "Possibility of hazardous reaction"

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous

reactions Hazardous reactions : Possible with oxidizing agents.

10.4 Conditions to avoid

Conditions to avoid : Not known.

10.5 Incompatible Materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)

SECTION 11: Toxicological information

11.1 Information on hazard classes defined in Regulation (EC) No. 1272/2008

Acute toxicity

Product:

Acute oral toxicity : Data not available

Acute inhalation toxicity : Data not available

Acute dermal toxicity : Data not available

Skin corrosion/irritation

Product:

: Data not available

Serious eye damage / eye irritation

Product:

: Data not available

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Respiratory sensitization / skin sensitization

Product:

: Data not available

Germ cell mutagenicity

Product:

Genotoxicity in vitro

: Data not available

Carcinogenicity

Product:

: Data not available

Specific target organ toxicity - single exposure

Product:

: Data not available

Specific target organ toxicity - repeated exposure

Product:

: Data not available

Repeated dose toxicity

Product:

: No information available.

Aspiration toxicity

Product:

Data not available

11.2 Information on additional hazards

Endocrine-disrupting properties

Product:

: Based on available data, there are no classification criteria fulfilled.

More information

Product:

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: Data not available

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : LC50 (Danio rerio) : > 500 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : Data not available

Toxicity to algae/aquatic plants : Data not available

Toxicity to microorganisms : EC50 (Pseudomonas putida (Bacteria)): > 800 mg/l
Method: DIN 38412 T.8

12.2 Persistence and Deployability

Product:

Biodegradability : Biological degradation: > 98%
Exposure time: 28 d
Method: OECD Test Guideline 301 A
The information refers to the main folder.

Biological degradation: 90 - 100%
Exposure time: 59 d
Method: OECD Test Guideline 311
The information refers to the main folder.

Biodegradation: > 97%
Exposure time: 9 d
Method: OECD Test Guideline 302B

Chemical oxygen consumption (COD) : 1,260 mg/g

Dissolved organic carbon (docs) : 435 mg/g

Physico-chemical disposal methods : Data not available

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12.3 Bioaccumulative potential

Product:

Bioaccumulation : Data not available

12.4 Mobility in soil

Product:

Distribution among environmental components : Data not available

12.5 Results of PBT and vPvB assessment

Product:

Evaluation : No data, chemical safety report (CSR) not required

12.6 Properties causing disruption of the endocrine system

Product:

: Based on available data, there are no classification criteria fulfilled.

12.7 Other Adverse Effects

Product:

Fate and behavior in the environment : Data not available

Additional ecological information : The product should not be discharged into drains, waterways or soil.

SECTION 13: Disposal considerations

13.1 Waste management methods

Product : Dispose of in accordance with the European directive on general and hazardous waste.
In accordance with local and national regulations.

Contaminated packaging : Empty packaging should be handed over to a licensed waste handling company for recycling or disposal.

SECTION 14: Transport information

14.1 UN number or ID number

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ADN : Not regulated as dangerous goods
ADR : Not regulated as dangerous goods
RID : Not regulated as dangerous goods
IMDG : Not regulated as dangerous goods
IATA : Not regulated as dangerous goods

14.2 Official (UN) shipping name

ADN : Not regulated as dangerous goods
ADR : Not regulated as dangerous goods
RID : Not regulated as dangerous goods
IMDG : Not regulated as dangerous goods
IATA : Not regulated as dangerous goods

14.3 Transport hazard class/classes

ADN : Not regulated as dangerous goods
ADR : Not regulated as dangerous goods
RID : Not regulated as dangerous goods
IMDG : Not regulated as dangerous goods
IATA : Not regulated as dangerous goods

14.4 Packaging group

ADN : Not regulated as dangerous goods
ADR : Not regulated as dangerous goods
RID : Not regulated as dangerous goods
IMDG : Not regulated as dangerous goods
IATA (Cargo) : Not regulated as dangerous goods
IATA (Passenger) : Not regulated as dangerous goods

14.5 Environmental hazard

Not regulated as dangerous goods

14.6 Special security measures for users

Not applicable

14.7 Maritime bulk transport according to IMO instruments

It does not apply to this product as it is delivered.

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SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/specific legislation relating to the substance or mixture

Other regulations:

VDI 2263 "Dust fires and dust explosions; hazards, assessment, protective measures".

Data not available

15.2 Chemical safety assessment

not required

SECTION 16: Further information

Full text of other abbreviations

ADN - European Agreement on the International Carriage of Dangerous Goods by River; ADR - Agreement on the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for Testing Materials; bw - Body weight; CLP - Regulation on classification in packaging labelling; Regulation (EC) No. 1272/2008; CMR - Carcinogen, mutagen or reproductively toxic substance; DIN - Standard from the German Institute for Standardization; DSL -

National Substances List (Canada); ECHA - European Chemicals Agency; EC Number - European Community Number; ECx - Concentration at response x %; ELx - Load intensity at response x %; EmS - Emergency plan; ENCS - List of Existing and New Chemical Substances (Japan); ErCx - Concentration at response in the form of growth x %; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships Carrying Hazardous Chemicals in Bulk; IC50 - Half maximum inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC -

List of existing chemicals in China; IMDG - International Maritime Transport of Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Act (Japan); ISO - International Organization for Standardization; KECI - List of Existing Chemical Substances - Korea; LC50 - Lethal concentration for 50% of the test population; LD50 - Lethal dose for 50% of the population in the test (median lethal

doses); MARPOL - International Convention for the Prevention of Pollution from Ships; nose - Not otherwise specified; NO(A)EC - No Observed Adverse Effect Concentration; NO(A)EL - Dose with no observed adverse effect; NOELR - No Observed Adverse Effect Load Intensity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic substance; PICCS - Philippine List of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure-Activity Relationship; REACH - Regulation of the European Parliament and of the Council on Registration, Evaluation, Authorization and Restriction of Chemicals of chemical substances (EC) No. 1907/2006; RID - Regulations on international rail transport dangerous goods; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substances List; FLOW - List of existing chemical substances - Thailand; TRGS - Technical rules for dangerous

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substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Highly persistent and highly bioaccumulative

More information

More information : It is necessary to pay attention to the national and local legal regulations.

The information in this safety data sheet is to the best of our knowledge, information and belief at the time of its issuance. The information provided is only intended as a guide for the safe handling, use, storage, processing, transportation, disposal and release of the product and should not be considered as a warranty or quality specification. The information applies only to the specific material named and may become invalid if used in combination with any other materials or in any processes unless specifically stated in the text.