

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **TAED**
Synonym: **Peractive ACE White**
UFI: **5Y00-C09Y-N00M-5T9W**
REACH Registration No: -
Product description: **Test and reference detergent, solid.**

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

Identified uses: **Agents for specialized washing and cleaning processes in the manufacture and finishing of textiles. For professional use only.**
Uses advised against: -

1.3 Details of the supplier of the safety data sheet

Swissatest Testmaterialien AG
Mövenstrasse 12
9015 St. Gallen
Switzerland

Telephone **0041 71 311 80 55**
E-Mail **info@swissatest.ch**
Internet: **www.swissatest.ch**

1.4 Emergency telephone number

Tox Info Suisse

Telephone 145

2. Hazards identification

2.1 Classification of the substance or mixture

The product is not classified as a hazardous substance based on the calculation method according to Regulation (EC) No. 1272/2008 (CLP Regulation) in its latest valid version.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: **None.**

Signal word: **None**

Hazard components for labelling:

Contains: -

Hazard statements:

Not classified based on available information.

EUH210: Safety data sheet available on request.

Precautionary statements:

-

2.3 Other hazards

The 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. The product does not contain any components with endocrine-disrupting properties at or above 0.1%.

3. Composition/information on ingredients

3.1 **Substances:** The product is a mixture.

3.2 **Mixtures**

Tetra acetyl ethylene diamine (CAS-No. 10543-57-4) with sodium carboxy-methyl cellulose (CAS-No. 9004-32-4)

SVHC

This preparation does not contain substances of very high concern (SVHC) in a concentration of $\geq 0.1\%$ according to Regulation (EC) 1907/2006, Article 57.

Further Information: -

See Section 16 for wording of H and P statements.

4. First-aid measures

4.1 **Description of first aid measures**

General instructions: Consult doctor in case of symptoms. Have material safety data sheet, product container or label at hand.

After inhalation: Move person to fresh air.

After skin contact: Wash cautiously with water and soap.

After eye contact: Rinse cautiously with water for several minutes.

After ingestion: Rinse mouth. Do not induce vomiting.

4.2 **Most important symptoms and effects, both acute and delayed**

None known.

4.3 **Indication of any immediate medical attention and special treatment needed**

Symptomatic treatment.

5. Firefighting measures

5.1 **Extinguishing media**

Suitable extinguishing media: Water, Foam.

Unsuitable extinguishing media: Carbon dioxide (CO₂), dry powder

5.2 **Special hazards arising from the substance or mixture**

Formation of hazardous smoke or vapors possible (CO).

5.3 **Advice for firefighters**

In the event of a fire, a self-contained breathing apparatus and a full protective suit should be worn. Do not inhale vapours and fumes. If safe to do so, remove the container from the hazard area.

Collect contaminated extinguishing water and dispose of it in accordance with regulations.

6. Accidental release measures

6.1 **Personal precautions, protective equipment, and emergency procedures**

Advice for non-emergency personnel: Ensure sufficient ventilation.

Avoid skin and eye contact. Use personal protective equipment (see chapter 8).

Advice for emergency responders: Personal protective equipment according to EN 469 is recommended.

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6.2 Environmental precautions

Prevent release into sewers, surface water, or groundwater.

6.3 Methods and material for containment and cleaning up

Product can be disposed of by mechanical means. Dispose of product according to chapter 13. Clean spill with water.

6.4 Reference to other sections

Information on safe handling: see chapter 7.

Information on PSA: see chapter 8.

Information on disposal: see chapter 13.

7. Handling and storage

7.1 Precautions for safe handling

Provide sufficient ventilation at workplace. Avoid dust formation and dust deposition.

Wash hands thoroughly after handling and before breaks.

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

Observe skin protection plan.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep in original container. Store in a dry place. Keep away from food and animal feed.

Advice on storage assembly: Keep away from strong oxidizers (storage class 5).

Storage class: 11/13 (other solids without hazard labelling)

7.3 Specific end use(s)

Apart from the uses specified in Section 1.2, no other specific uses are identified.

8. Exposure control and personal protection

8.1 Control parameters

Occupational exposure limit values:

No data available for product.

General exposure limit value for inhalable dusts: 10 mg/m³

General exposure limit value for dust fraction entering alveoli: 3 mg/m³

8.2 Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation, e.g., through local exhaust ventilation.

Individual protective measures, personal protective equipment

Eye / face protection

Safety glasses (EN 166).

Skin protection

Use protective gloves according to EN 374-3.

Please consult also your glove supplier for further information on the appropriate material thickness and breakthrough times.

Respiratory protection

Not necessary if sufficient ventilation is provided. For short-term exceedances of the general exposure limits for dust use particle filter P2 according to EN 143.

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Body protection

Standard work clothing.

General protective and hygiene measures:

Do not eat, drink, or smoke during work.

Keep away from drinks, food, and animal feed.

Wash hands before breaks and at the end of work.

Use of skin protection measures in accordance with SUVA Information Sheet 44074 is recommended.

Environmental exposure controls

Compliance with local emission limit values must be ensured.

Emissions to air, water, and soil should be avoided.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Granules
Colour:	White
Odour:	No data available
Odour threshold:	No data available
Melting point:	No data available
Boiling point:	No data available
Self-ignition	Not applicable
Lower / upper explosion limits:	No data applicable
Flashpoint:	Not applicable
Ignition temperature:	No data available
Decomposition temperature	Not applicable
pH-value (20 °C)	6 - 8 (1 % in water)
Kinematic Viscosity:	No data available
Solubility in water (20 °C):	1/g L
log K _{ow} :	Not applicable
Vapour pressure:	Not applicable
Vapour density:	not applicable
Density at 20 °C:	No data available
Particle characteristics	No data available

9.2 Other information

None.

10. Stability and reactivity

10.1 Reactivity

The product is stable when used and stored according to the manufacturer's instructions for use (see chapter 7).

10.2 Chemical stability

No decomposition when used as intended (see Section 7).

10.3 Possibility of hazardous reactions

The product reacts with acids and strong oxidants.

10.4 Conditions to avoid

None known

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

In case of fire, toxic smoke gases (CO, CO₂, NO_x) may form.

11. Toxicological information

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

Acute toxicity for main component (according to MSDS Peractive AC White, Catexel, version 1.5, 21.12.2020):

Acute oral toxicity LD50 (rat): > 2'000 mg/kg (based on OECD Test Guideline 401)

Acute inhalation toxicity LD50 (rat): > 2.08 mg/L (based on OPPTS 870.1300)

Acute dermal toxicity LD50 (rat): > 2'000 mg/kg (based on OPPTS 870.1200)

For product:

No information available.

Skin corrosion / irritation:

The product is not classified. Does not cause skin corrosion / irritation.

Serious eye damage / eye irritation

The product is not classified. Does not cause eye damage / irritation.

Respiratory or skin sensitization

The product is not classified. Does not cause respiratory and skin sensitization.

Germ cell mutagenicity

The product is not classified. The product does not contain substances classified as mutagenic.

Carcinogenicity

The product is not classified. The product does not contain substances classified as carcinogenic.

Reproductive toxicity

The product is not classified. The product does not contain substances classified as toxic for reproduction.

Specific target organ toxicity, repeated exposure

The product is not classified. Does not cause specific target organ toxicant after repeated exposure.

Specific target organ toxicity, single exposure

The product is not classified. Does not cause specific target organ toxicant after single exposure.

Aspiration hazard

The product is not classified. The product does not contain any substances classified as aspiration hazard.

11.2 Information on other hazards

Endocrine disruption properties

This mixture does not contain any components with endocrine disrupting properties in concentrations ≥ 0.1 %, as defined in Article 57(f) of the REACH Regulation or in Delegated Regulations (EU) 2017/2100 and (EU) 2023/707. Therefore, no health-relevant effects due to endocrine disrupting properties are present.

Other information

Not known.

12. Ecological information

12.1 Toxicity for product:

Toxicity to fish LD50 (zebra fish; 96 h) > 500 mg/L (based on OECD Test Guideline 401)

Toxicity to aquatic invertebrates EC50 (water flea; 48 h) > 1'000 mg/L (based on OPPTS 850.1010)

Toxicity to algae (green algae; 72 h) > 1'000 mg/L (based on OECD Test Guideline 201)

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12.2 Persistence and degradability

Biodegradability of main compound >98 % after an exposure time of 28 d and 90 - 100 % after an exposure time of 59 days.

The surfactants contained in the product are biodegradable in accordance with the requirements of Regulation (EC) No 648/2004. Data supporting this property are held at the disposal of the competent authorities of the Member States and will be made available to them upon direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

No evidence of bioaccumulation.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The 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.

12.6 Endocrine disrupting properties

This mixture does not contain any components with endocrine disrupting properties in concentrations $\geq 0.1\%$, as defined in Article 57(f) of the REACH Regulation or in Delegated Regulations (EU) 2017/2100 and (EU) 2023/707. Therefore, no environmentally relevant effects due to endocrine disrupting properties are present.

12.7 Other adverse effects

Water hazard class 1 (self-classification): slightly hazardous to water

Avoid release into the environment. Do not discharge undiluted or in large quantities into water bodies or the sewage system.

13. Disposal considerations

13.1 Waste treatment methods

Dispose of in accordance with official regulations.

Do not dispose of with household waste. Do not release into the sewage system

Product (pure product, empty and partly emptied containers)

Dispose of as separate fraction.

Waste disposal code:

Ordinance on the movement of waste SR 814.610:

20 01 30

Detergents other than those mentioned in 20 01 29

Absorbing agents polluted with product:

Dispose of as separate fraction.

Waste disposal code:

Ordinance on the movement of waste SR 814.610:

15 02 03

Absorbents, filter materials, wiping cloths other than those mentioned in 15 02 02.

14. Transport information

The product is not classified as a dangerous good according to transport regulations.

14.1 UN Number

-

14.2 UN proper shipping name

-

14.3 Transport hazard class

ADR / RID / IMDG-Code / IATA-Dangerous Goods Regulations

-

14.4 Packing group

-

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14.5 Environmental hazards

Label environmentally hazardous substances

ADR / RID / IMDG-Code: -

IATA-DGR: -

14.6 Special precautions for user

-

14.7 Maritime transport in bulk according to IMO instruments

Pollution category (X, Y or Z): -

Ship type (1, 2 or 3): -

15. Regulatory information

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

Water hazard class according to AwSV:

Class 1, slightly hazardous to water.

Chemicals Ordinance (ChemO) SR 813.11:

Group according to Art. 61 ChemO: no group.

Major Accident Ordinance (MAO) SR 814.012:

Quantity threshold according to MAO: no threshold.

Guidelines to the WBF-Ordinance on Hazardous Work for Young Persons (SR 822.115.2):

No restrictions.

Maternity Protection Ordinance SR 822.111.52:

No restrictions.

Restrictions according to Chemical Risk Reduction Ordinance (ORRChem) SR 814.81:

-

VOC-Ordinance (OVOC) SR 814.018:

VOC-content: 0%.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this product by the supplier.

16. Other information

Changes made since last edition

Original version.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par route

AwSV : Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen vom 18. April 2017.

CAS: Chemical Abstracts Service

ChemO: Ordinance on Protection against Dangerous Substances and Preparations SR 813.11

CLP: Classification, Labelling and Packaging of Chemicals

EC: effect concentration

FDHA: Federal Department of Home Affairs

ECHA: European Chemicals Agency

FOEN: Federal Office for the Environment

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

IUCLID: International Uniform Chemical Information Database, ECHA.

LC: lethal concentration

LD: lethal dose

MAC: maximum admissible concentration at workplace

MAO: Ordinance on Protection against Major Accidents SR 814.012

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The logo for Swissatest, featuring the word "SWISS" in a bold, sans-serif font, followed by "atest" in a lowercase, italicized sans-serif font. A small cross symbol is positioned above the "S" in "SWISS".

NOEC: No Observed Effect Concentration

OVOC: Ordinance on the Incentive Tax on Volatile Organic Compounds SR 814.018

PBT: persistent, bioaccumulative, toxic

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

vPvB: very persistent, very bioaccumulative

VOC: volatile organic compounds

ORRChem: Ordinance on the Reduction of Risks relating to the Use of Certain Particularly Dangerous Substances, Preparations and Articles SR 814.81

STEL: Short term exposure limit

WPO: Waters Protection Ordinance

Key literature references and sources of data

[ECHA Chemicals Database](#)

[Gestis Online Database](#)

[MSDS Peractive AC White, Catexel, version 1.5, 21.12.2020.](#)

Methods in accordance with article 9 of Regulation (EC) No 1272/2008 [CLP] applied for the evaluation of hazard information for substances and mixtures:

[Additivity principle according to Annex 1, 3.3.3.3; Calculation methods according to Annex 1, 2.6.4.3.](#)

Full text of Statements referred to under sections 2 – 15:

[EUH210: Safety data sheet available on request.](#)

Training instructions

Employees must be regularly trained in the safe handling of the products based on the information in the safety data sheet and the local conditions of the workplace. National regulations on the training of employees in the handling of hazardous substances must be observed.

Further information

The information in this Safety Data Sheet is based on our current knowledge and complies with national and EU regulations. However, we have no control over the specific working conditions of the user. The user is responsible for ensuring compliance with all applicable legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute a guarantee of product properties.