Application

Application for Active Chemical Products: Active Chemical Products/Acceptance in the OEKO-TEX® list

Edition 01.2026

OEKO-TEX®

International Association for Research and Testing in the Field of Textile and Leather Ecology

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1. Introduction

1.1. Terms and definitions

Active chemical products in the context of this application are modified polymers and all preparations that are incorporated into the fibre material or are applied at a later processing step to the textile product.

Biologically active products in context of this application are those active chemical products that are used with the intention to destroy, deter, render harmless, prevent the action of, or otherwise exert a controlling effect on any organism by chemical or biological means.

Flame retardant products in the context of this application are those active chemical products that are used with the intention to reduce the flammability and/or combustibility.

Nanoobjects are those objects which are produced and/or their function/activity is based on the fact that the structure of the materials (particles, fibres, sheets) are at least in one dimension below the size of 100 nm (see also ISO TS 27687).

1.2. The application

Please fill in the required data and answer as accurately as possible. The auditor has the right to ask for additional documentation or additional tests.

The data are specific and refer only to the named product of the cited company.

These data cannot be transferred to other products.

If no complete answer can be given please specify the reasons in the specific chapter provided for this purpose.

1.3. Confidentiality

OEKO-TEX® explicitly assures herewith that this application is not disclosed to any third party. Within our organisation the application is processed only by chosen personnel, who are under a confidentiality obligation. The same confidentiality is observed also with regard to the results of the assessment.

2. Applicant

Firm	
Street No.	
ZIP-Code	
City	
State	
Country	
Phone / FAX	
Homepage	
E-mail	
Responsible person	

2.1. Manufacturer

Address	
Phone	
FAX	
Contact person	

2.2. Supplier

Address	
Phone	
FAX	
Contact person	

3. Detailed information about the nature of the product

3.1. Trade name

3.2. Type of product

3.2.1. Biologically active products

☐Fibre materials with biologically active properties

☐Auxiliaries with biologically active properties

3.2.2. Flame retardant products

☐Fibre materials with flame retardant properties

☐Auxiliaries with flame retardant properties

3.3. Functionality / Intended Use

3.4. How is the chemical applied in the textile?

☐Immobilized in the polymer

☐Reacted to the surface

☐Coated on the surface

☐Incorporated in the polymer chain

☐Other

3.5. Foreseen application

☐ Clothing

☐ Decoration material where the active substances can have direct skin contact (for example on surface layer)

☐ Decoration material where the active substances CANNOT have direct skin contact (for example back coating)

Please Specify e.g. EU product type(s) (PTxx)

3.6. Product composition

3.6.1. Active substances

Name	CAS-Nr.	% w/w

3.6.2. Auxiliary chemicals

Name / Function	CAS-Nr.	% w/w

3.6.3. Other substances including residual monomers, impurities, precursors, etc.

Name	CAS-Nr.	% w/w

3.6.4. Solvent residues (Ethanol or others)

Name	CAS-Nr.	% w/w

3.6.5. Heavy metals (lead, cadmium, mercury, arsenic, chromium, silver, cobalt, nickel)

Name	CAS-Nr.	% w/w

3.7. Physical state of the product

☐Powder

☐Liquid

☐Paste

☐Gas

3.8. Toxicological data on the product

3.8.1. Actual oral toxicity

3.8.2. Skin irritation

3.8.3. Skin sensitization

3.8.4. Mutagenicity

3.8.5. Any other toxicological data

3.9. Dermatological data

Please refer to and enclose the documents with the relevant information.

The required number and type of tests can be extended if the nature of problems related to the product makes it necessary.

3.9.1. Human Open epicutaneous application

3.9.2. Closed single patch test (human)

3.9.3. Repeated human patch test

3.9.4. Any other data

3.10. Any further human toxicological data

3.11. Recommended range of concentration (%w/w)

3.12. Does the product contain

- ☐PBT
- ☐vPvB
- ☐CMR category 1A/1B
- ☐CMR category 2A/2B
- ☐Endocrine disruptors

Please specify If one or more of the above categories was checked

3.13. Estimated time and frequency of exposure

3.14. Which toxic substances are released from the textile in which quantities?

e.g. by synthetic sweat, fastness or similar tests (substance weight per area of the textile over time; Attach relevant test report

3.14.1. How much will be released?

3.15. Release of active substance(s) from the textile

3.16. Does the product contain nanoobjects?

3.17. Release of nanoobjects during use?

4. Information on the active substances

please give the information separately for each substance

4.1. Chemical name

4.2. Synonyms

4.3. Structural formula

4.4. Molecular mass

4.5. Molecular formula

4.6. Registration status

4.7. Constitution and colour

4.8. Melting point

_____ °C

4.9. Boiling point

_____ °C

4.10. Density

_____ kg/m³

4.11. Vapor pressure

_____ Pa

4.12. Solubility in water

_____ mg/l

4.13. Other solubilities (depending on the substance)

4.14. Residues expected from the manufacturing process, e.g. solvents or catalysts (type and concentration)

4.15. Toxicological data

Please refer to and enclose the documents with the relevant information.

The required number and type of tests can be extended if the nature of problems related to the product makes it necessary.

4.15.1. Acute oral toxicity

4.15.2. Skin irritation

4.15.3. Mucous membrane irritation

4.15.4. Optional: Irritation in vitro

4.15.5. Sensitisation

☐Bühler Test

☐Magnusson and Kligman Test

☐LLNA (Local Lymph Node Assay)

4.15.6. Mutagenicity in vitro (Bacterial and mammal cells)

4.15.7. Toxicity after repeated administration

4.15.8. Toxic kinetic, dermal absorption

4.15.9. Any other toxicological data (Reproduction toxicology, carcinogenicity etc)

4.16. Remarks

By signing this application with an authorized signature, the applicant is responsible for the data given and is obliged to inform the OEKO-TEX® Secretary of any alteration.

Incomplete product data will not be processed.

Date

Signature