



OEKO-TEX® Limit values: New regulations 2025

At the start of the year, the OEKO-TEX® Association as usual updates the applicable test criteria, limit values and requirements for its range of certifications and labels. The following limit values come into effect on April 1st, 2025, a after a three-month transition period:

1. Limit values relevant for OEKO-TEX® STANDARD 100, ORGANIC COTTON, LEATHER STANDARD and ECO PASSPORT

a. New additions to the limit value catalogue

SVHC:

Substance	CAS Number	STANDARD 100	LEATHER STANDARD	ORGANIC COTTON	ECO PASSPORT
Bis-(α,α -dimethylbenzyl)-peroxide	80-43-3	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg
Triphenyl phosphate	115-86-6	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg



Other substances:

Substance	CAS Number	STANDARD 100	LEATHER STANDARD	ORGANIC COTTON	ECO PASSPORT
Bisphenol AF	1478-61-1	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg
Bisphenol F	620-92-8; 1794786-93-8	1'000 mg/kg	Under observation	1'000 mg/kg	1'000 mg/kg
N-ethyl-2-pyrrolidone (NEP)	2687-91-4	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg	Already listed with 1'000 mg/kg
2-Pyrrolidone	616-45-5	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg
Resorcinol	108-46-3	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg	1'000 mg/kg
Tris(1-chloro-2-propyl)phosphate (TCPP)	13674-84-5	10 mg/kg	10 mg/kg	10 mg/kg	Already listed with 10 mg/kg



b. Changes to the existing limit value catalogue

Substance	CAS Number	STANDARD 100	LEATHER STANDARD	ORGANIC COTTON	ECO PASSPORT
Bisphenol A	80-05-7	From 100 mg/kg to 10 mg/kg	From 100 mg/kg to 10 mg/kg	From 100 mg/kg to 10 mg/kg	No change
UV 328	25973-55-1	From 1'000 mg/kg to 1 mg/kg	From 1'000 mg/kg to 1 mg/kg	From 1'000 mg/kg to 1 mg/kg	From 1'000 mg/kg to 1 mg/kg
UV 320, UV 326, UV 327, UV 329, UV 350; each	Various or 3846-71-7, 3896-11-5, 3864-99-1, 36437-37-3	From 1'000 mg/kg to 100 mg/kg	From 1'000 mg/kg to 100 mg/kg	From 1'000 mg/kg to 100 mg/kg	From 1'000 mg/kg to 100 mg/kg
Methoxychlor	72-43-5 et al.	From 0.5 - 1.0 mg/kg to 0.01 mg/kg	From 0.5 - 1.0 mg/kg to 0.01 mg/kg	From 0.1 mg/kg to 0.01 mg/kg	Already listed: no intentional use



c. New under observation

In 2025, OEKO-TEX® will continue to monitor various substances based on the latest scientific findings and conformity with relevant specifications.

Added:

The following pesticides will be put under observation for STANDARD 100, LEATHER STANDARD & ECO PASSPORT

Substance	CAS Number
Atrazine	1912-24-9
Bendiocarb	22781-23-3
Bifenthrin	82657-04-3
Bioresmethrin (Resmethrin)	28434-01-7
Buprofezin	69327-76-0
Captafol	2425-06-1
Carbosulfan	55285-14-8
Chlorfenapyr	122453-73-0
Chlorfluazuron	71422-67-8
Chlorpyrifos-ethyl	2921-88-2

Substance	CAS Number
Fenthion	55-38-9
Fipronil	120068-37-3
Flumethrin	69770-45-2
Lufenuron	103055-07-8
Methomyl	16752-77-5
Metolachlor	51218-45-2
Pendimethalin	40487-42-1
Phosmet	732-11-6
Phoxim / Baythion	14816-18-3
Pirimiphos-ethyl	23505-41-1



Substance	CAS Number
Chlorpyrifos-methyl	5598-13-0
Clethodim	99129-21-2
Cyclanilide	113136-77-9
Diafenthiuron	80060-09-9
Dichlofenthion	97-17-6
Dichlorvos	62-73-7
Diflubenzuron	35367-38-5
Diuron	330-54-1
Empenthrin	54406-48-3
Endosulfansulfate	1031-07-8
Ethion	563-12-2
Fenchlorphos	299-84-3
Fenitrothion	122-14-5
Fenpropathrin	39515-41-8

Substance	CAS Number
Pirimiphos-methyl	29232-93-7
Prometryn	83653-07-0
Pymetrozine	123312-89-0
Pyrethrums	8003-34-7
Quintozine	82-68-8
Teflubenzuron	83121-18-0
Tetrachlorvinphos	22350-76-1, 961-11-5
Thidiazuron	51707-55-2
Thiodicarb	59669-26-0
Tolclofos-methyl	57018-04-9
Transfluthrin	118712-89-3
Trifloxysulfuron-sodium	199119-58-9
Triflumuron	64628-44-0



Other Chemicals:

N-methylaniline (CAS 100-61-8) and 2-butanone oxime (CAS 96-29-7) have been put under observation for STANDARD 100, LEATHER STANDARD, ORGANIC COTTON & ECO PASSPORT

Removed:

All diisocyanates have been removed from under observation for ECO PASSPORT and will not be taken up as restricted substances.

2. PFAS changes for OEKO-TEX® STANDARD 100, ORGANIC COTTON, LEATHER STANDARD and ECO PASSPORT

Substance	CAS Number	STANDARD 100	LEATHER STANDARD	ORGANIC COTTON	ECO PASSPORT
N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA)	68259-15-4	1 mg/kg	1 mg/kg	1 mg/kg	1 mg/kg
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	1 mg/kg	1 mg/kg	1 mg/kg	1 mg/kg
Perfluorohexanoic acid and its salts (PFHxA)	307-24-4	25 µg/kg	25 µg/kg	25 µg/kg	25 µg/kg



PFHxA related substances	Various	1 mg/kg	1 mg/kg	1 mg/kg	1 mg/kg
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3. Other changes

- Methylisothiazolinone (CAS:2682-20-4) was removed from under observation in STANDARD 100
- The transition period for VOCs in STANDARD 100 will be over by 01.01.2025.

4. New Substance Additions to the OEKO-TEX® STeP Chemical List in Annex 3

a. MRSL Group 3: Brominated, chlorinated and other flame retardants (Other flame retardants)

Justification: commonly used as a flame retardant in textiles, and other industrial applications.

Substance	CAS Number	Limit value
Triphenyl phosphate	115-86-6	no testing required for wastewater

b. MRSL Group 4: Hazardous colorants

Justification: Ability to degrade into aromatic amines under reductive conditions.

Substance	CAS Number	Limit value
Azobenzene	103-33-3	no testing required for wastewater



c. MRSL Group 8: Chlorinated and other solvents (Other VOC's)

Justification: The compounds are VOC's, capable of evaporating at room temperature, which makes it relevant to air quality concerns and worker exposure.

Substance	CAS Number	Limit value
2-butanone oxime	96-29-7	no testing required for wastewater
2-pyrrolidone	616-45-5	no testing required for wastewater

d. MRSL Group 13: Surfactants, wetting agents (other than APEO's)

Justification: commonly used as complexing agents and dispersing agents.

Substance	CAS Number	Limit value
Diethylenetriaminepenta(methylenephosphonic acid) sodium salt	22042-96-2	no testing required for wastewater
1-Hydroxyethane-1,1-diphosphonic acid disodium salt	7414-83-7	no testing required for wastewater
1-Hydroxyethane-1,1-diphosphonic acid potassium salt	67953-76-8	no testing required for wastewater



e. MRSL Group 13: Surfactants, wetting agents (other than APEO's)

Justification: additional CAS number added and therefore changed to "Various"

Substance	CAS Number	Limit value
DTPA, sodium salts	Various	no testing required for wastewater

f. MRSL Group 14: Other substances

Substance	CAS Number	Limit value
Bisphenol AF	1478-61-1	no testing required for wastewater
Bisphenol S	80-09-1	no testing required for wastewater

5. Updated Excellent Level of Substance in the OEKO-TEX® STeP Annex 6.1 – Viscose/Modal

Parameter	Minimum	Advanced	Excellent
PH-value	6.0 – 9.0		
Chemical oxygen demand COD (as O ₂)	150 mg/l	80 mg/l	60 mg/l



For more information on the new OEKO-TEX® test criteria, please contact OEKO-TEX® (info@oeko-tex.com) or your responsible OEKO-TEX® institute (<https://www.oeko-tex.com/offices>).



After a three-month transition period, the new limit values will become binding for all certifications on April 1, 2025.

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