



Textile

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OEKO-TEX® STANDARD 100 releases new environmental regulations for 2025

In January 2025, OEKO-TEX® International Association for Textile and Leather Ecology released updated certification testing standards, limit values and requirements at the beginning of the year as usual. The new OEKO-TEX® STANDARD 100 regulations will take effect on April 1, 2025. The main updates are as follows:

1. New substances added to the limit value catalogue:

◆ SVHC

Substance	CAS No.	Limit
Bis(α,α-dimethylbenzyl) peroxide	80-43-3	1,000 mg/kg
Triphenyl phosphate	115-86-6	1,000 mg/kg

◆ Other substances

Substance	CAS No.	Limit
Bisphenol AF	1478-61-1	1,000 mg/kg
Bisphenol F	620-92-8	1,000 mg/kg
2-Pyrrolidone	616-45-5	1,000 mg/kg
N-ethyl-2-pyrrolidone	2687-91-4	1,000 mg/kg
Resorcinol	108-46-3	1,000 mg/kg
Tris(chloropropyl) phosphate	13674-84-5	10 mg/kg

2. Substances that have been changed in the current limit value catalogue:

Substance	CAS No.	Limit
Bisphenol A	80-05-7	Change from 100 mg/kg to 10 mg/kg
UV 328	25973-55-1	Change from 1,000 mg/kg to 1 mg/kg
UV 320、UV 326、UV 327、 UV 329、UV 350 (each)	Other, or 3846-71-7、3896-11-5、 3864-99-1、3147-75-9	Change from 1,000 mg/kg to 100 mg/kg
Methoxychlor	72-43-5 et.al.	Change from 0.5-1.0 mg/kg to 0.01 mg/kg





3. Newly added monitored substances:

◆ New pesticides to be monitored

Substance	CAS No.	Substance	CAS No.	Substance	CAS No.
Atrazine	1912-24-9	Diflubenzuron	35367-38-5	Phoxim/Baythion	14816-18-3
Bendiocarb	22781-23-3	Diuron	330-54-1	Pirimiphos-ethyl	23505-41-1
Bifenthrin	82657-04-3	Empenthrin	54406-48-3	Pirimiphos-methyl	29232-93-7
Bioresmethrin	28434-01-7	Endosulfansulfate	1031-07-8	Prometryn	83653-07-0
Buprofezin	69327-76-0	Ethion	563-12-2	Pymetrozine	123312-89-0
Buprofezin	2425-06-1	Fenchlorphos	299-84-3	Pyrethrums	8003-34-7
Carbosulfan	55285-14-8	Fenitrothion	122-14-5	Qvintozine	82-68-8
Chlorfenapyr	122453-73-0	Fenpropathrin	39515-41-8	Teflubenzuron	83121-18-0
Chlorflvazuron	71422-67-8	Fenthion	55-38-9	Tetrachlorvinphos	22350-76-1, 961-11-5
Chlorpyrifos-ethyl	2921-88-2	Fipronil	120068-37-3	Thidiazuron	51707-55-2
Chlorpyrifos-methyl	5598-13-0	Flumethrin	69770-45-2	Thiodicarb	59669-26-0
Clethodim	99129-21-2	Lufenuron	103055-07-8	Tolclofos-methyl	57018-04-9
Cyclanilide	113136-77-9	Methomyl	16752-77-5	Transfluthrin	118712-89-3
Diafenthiuron	80060-09-9	Metolachlor	51218-45-2	Trifloxysulfuron-sodium	199119-58-9
Dichlofenthion	97-17-6	Pendimethalin	40487-42-1	Triflumuron	64628-44-0
Dichlorvos	62-73-7	Phosmet	732-11-6	/	

- ◆ Newly added monitored chemicals: N-methylaniline (CAS 100-61-8) and 2-butanone oxime (CAS 96-29-7)

4. New PFAS controlled substances:

Substance	CAS No.	Limit
Perfluorohexanoic acidandsalts	307-24-4,et. al.	25 µg/kg
1H,1H,2H,2H-Perfvoroctyl acrylate	17527-29-6	1 mg/kg
1H,1H,2H,2H-Perfluorooctane sulfonic	27619-97-2,et. al.	1 mg/kg





acid and salts		
1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	1 mg/kg
N-Methylperflvoro-1-hexansulfonamide	58529-15-4	1 mg/kg
Perfluorohexane sulfonamide	41997-13-1	1 mg/kg

5. Other updates:

- ◆ VOCs is now included in the testing scope of Appendix 4 of the standard. This measure is taken to strengthen regulatory safety precautions and ensure the health of end consumers. The one-year transition period ended on January 1, 2025;
- ◆ Microplastics in glitter are now included in the monitoring scope;
- ◆ Pre-consumer PET bottles will no longer be considered a source of recycled material for the STANDARD 100 certificate;
- ◆ Removed methylisothiazolinone (CAS: 2682-20-4) from the list of “chemical residues under monitoring” substances.

Original link:

https://hohenstein.oss-cn-shanghai.aliyuncs.com/materials/OEKO-TEX/STANDARD100_Standard_ENZH_2025.pdf

HCT SOLUTION:

OEKO-TEX® STANDARD 100 was jointly developed by the German Hohenstein Institute in 1992 to test for harmful chemicals in textiles. The certification aims to ensure that textile products do not contain harmful substances during the production process and protect the health of consumers. OEKO certification covers the entire supply chain from raw materials to finished products, including the use of chemicals, production processes, and the environmental characteristics of the final product. Each update is closely watched by related companies. HCT provides OEKO-TEX® testing services to companies with a professional technical team, and regularly delivers the latest domestic and international legal and regulatory information and standard interpretations to customers.

