At the start of the year, the OEKO-TEX® Association as usual updated the applicable test criteria and limit values for product certification in accordance with STANDARD 100 by OEKO-TEX®. The following new regulations come into effect on April 1, 2020 for all certifications, after a three-month transition period:

**Defining and tightening of limit values**

- The carcinogenic **N-Nitroamines and N-nitrosatable substances**, that were still under observation in 2019, were newly included in the criteria catalogues Annex 4 and 6 of STANDARD 100 by OEKO-TEX® (including the new N-Nitrosomethylamine (CAS 10595-95-6)) with the following limit values:
  - N-Nitroamines: 0.5 mg/kg each
  - N-Nitrosatable substances: 5.0 mg/kg sum

- The herbicide **glyphosate and its salts** are also finally being included in the criteria catalogues after one year under observation of the OEKO-TEX® Association with the following limit values:
  - for conventional cotton 5.0 mg/kg
  - for organic cotton 0.5 mg/kg for product class I, 1.0 mg/kg for product classes II, III and IV

- **Specific limit values for the total content of the toxic heavy metals arsenic and mercury** were laid down in Annex 4 and 6 of STANDARD 100 by OEKO-TEX®:
  - Arsenic total content: 100 mg/kg
  - Mercury total content: 0.5 mg/kg

- **Phthalates**: The limit value of the sum of phthalates is lowered from 1000 mg/kg to 500 mg/kg in Annex 4.
Overall, the strict requirements for residues in textile materials also lead to a lower burden on the environment, employees and consumers. In many cases the limit values for the STANDARD 100 go beyond national and international requirements. Therefore, the OEKO-TEX® strategy has been to be proactive in the field of consumer protection as a pioneer and not to wait for legislation. Due to that as a result of the implementation of the above-mentioned few additional measures, the STANDARD 100 by OEKO-TEX® already covers the requirements of the „REACH Annex XVII CMR legislation (Commission Regulation (EU) 2018/1513)“, that addresses CMR substances. For compliance to Entry 68 and as new compounds the following substances will be put under observation:

- **1H,1H,2H,2H-perfluorodecane sulfonate (8:2 FTS) and its salts** (CAS 39108-34-4 or Na with the CAS 27619-96-1) and other PFOA related substances will be put “under observation” in Annex 5 and 7 of STANDARD 100 by OEKO-TEX®.

**Further new substances, all under observation (ANNEX 5 and 7)**

- The following **arylamines** will be added to ANNEX 5 and 7 as “under observation”:
  - CAS 121-66-4: 2-amino-5-nitrothiazole
  - CAS 156-43-4: p-phenetidine
  - CAS 615-50-9: 2-methyl-p-phenylenediamine
  - CAS 20265-97-8: p-anisidine
  - CAS 91-95-2: 3,3'-Diaminobenzidin (biphenyl-3,3',4,4'-tetrayltetraamine)

- **Other chemicals (SVHC):**
  - CAS various: 2,3,3,3-tetrafluoro-2-(heptafluoro propoxy)propionic acid, its salts and its acyl halides
  - CAS 98-54-4: 4-tert-butylphenol
• **Pesticides:**
  CAS 97-23-4: Dichlorophene
  CAS 115-32-2: Dicofol
  CAS 1897-45-6: Chlorothalonil
  CAS 105024-66-6: Silafluofen, (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane
  CAS 731-27-1: Tolyfluanide
  CAS 63405-99-2: 4,6-Dichloro-7-(2,4,5-trichlorophenoxy)-2-trifluoromethylbenzimidazole (DTTB)
  CAS 137-42-8: Metam-sodium
  CAS 10605-21-7: Carbendazim

• **Cancerogenic, classified and further banned colorants:**
  CAS 2465-27-2: Auramine hydrochloride; C.I. Basic Yellow 2 (equivalent to CAS 492-80-8 C.I. Solvent Yellow 34)

• **VOCs and glycols:**
  CAS 1589-47-5: 2-Methoxypropanol
  CAS 629-14-1: 1,2-Diethoxyethane

New substance additions or clarifications to the criteria catalogues (ANNEX 5 and 7)

• **Pesticides:**
  CAS 115-29-7: Endosulfan

• **Flame retardants:**
  CAS 1332-07-6: borate, zinc salt
  CAS 12767-90-7: borate, zinc salt

• **Chlorotoluenes:**
  Addition of detailed list in ANNEX 5 and 7

For more information on the new OEKO-TEX® test criteria, please contact OEKO-TEX® (info@oeko-tex.com) or your responsible OEKO-TEX® Institute (www.oeko-tex.com/institutes).
After a three-month transition period, the new OEKO-TEX® STANDARD 100 test criteria and limit values will become binding for all certifications on April 1, 2020.