

ASSESSMENT BASIS

Assessment basis for plastics and other organic materials in contact with drinking water^{1,2} (KTW-BWGL)

¹ Notified in accordance with Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services (OJ L 241, 17/9/2015, p. 1).

² Notified under 2026/xxx/D

I. Changes

The following amendments are to be made:

1. In point 2, the sixth paragraph is replaced.
'Cement-bound materials with an organic content of ≤ 25 % (m/m) (based on the cement content) do not fall within the scope of this assessment basis.' Until the entry into force of the European requirements, cement-bound materials may be tested and assessed in accordance with DVGW Worksheet W 347. In addition, the information on the assessment of starting materials used for the manufacture of cement-bound materials intended to come into contact with drinking water (<https://www.umweltbundesamt.de/dokument/information-zur-bewertung-von-ausgangsstoffen-zur>) must be taken into account.'
2. Point 5.4.3 is amended as follows:
 - a) The first sentence is replaced by the following:
'Colourants are not included in the material-specific positive lists.'
 - b) The following sentence is inserted after Note 1. 'If colourants in nanoform are to be used that are not included in this form in a positive list, it must be ensured that there is no material transition of the nanoform colourant into the drinking water occurs (derogation from 4.2(f)).'
 - c) Note 2 is replaced by the following:
'It is assumed that potential colourant transfer can be detected with the basic requirement parameters (colouring and turbidity).'
For this reason, no further requirements are placed on the material transition of the colourants. In the case of colourants in nanoform, a material transition of nanoparticles can be excluded if the nanoparticles are completely enclosed by the polymer matrix. This exception under 5.2.2(g) does not apply to excipients, additives, impurities and possible degradation products.'
3. In Table 10 of Annex 2, for the product group 'Small-area components of equipment with a water-contacting surface area of < 1 % in equipment (P3)', the entry for the products is replaced by 'Seals, sealing tapes and sealing threads made of plastics in accordance with Appendix A, other components'.
4. In Appendix B to the polymer-specific part, in point B.3.1.9, the substance entry is inserted:

Ref. No	CAS No	Substance	Restriction MTC _{tap} in µg/l	Other restrictions
	'614-45-9	tert-butylperoxybenzoate	0.1 (due to the absence of a sensitive analytical method, compliance with this requirement is demonstrated by determining the residual content and subsequently modelling the results), 0.1 for benzene (CAS No 71-43-2), 500 for tert-butanol (CAS No	

Ref. No	CAS No	Substance	Restriction MTC _{tap} in µg/l	Other restrictions
			75-65-0)	

5. Appendix D to the polymer-specific part is amended as follows:

a) The substance entry is inserted in Table D-1 in D.4.1.5:

Ref. No	CAS No	Substance	Restriction MTC _{tap} in µg/l	Other restrictions
	'11138-66-2	Xanthan gum'		

b) The substance entry is replaced in Table D-2 in D.4.2.3.2:

Ref. No	CAS No	Substance	Restriction MTC _{tap} in µg/l	Other restrictions
	'95-33-0	N-cyclohexylbenzothiazole-2-sulphenamide (CBS)	100 for 2-mercaptobenzothiazole (2-MBT), 2.5 for 2,2'-dithiobisbenzothiazole (di(benzothiazol-2-yl)disulphide, MBTS), 2.5 for cyclohexylamine, 2.5 as the sum of benzothiazole and benzothiazolone'	

II. Entry into force

The 7th amendment enters into force on the day following its publication in the Federal Gazette.