

Dear Sir or Madam,

Thank you for your inquiry regarding TSCA.

The United States Environmental Protection Agency (EPA), which is seen as the equivalent of the European Chemicals Agency (ECHA), has established the final rules of the Toxic Substances Control Act (TSCA) Section 6 (h). This happened in January 2021, and what surprised many companies, including U.S. companies, was that the regulations became legally effective as early as March 2021.

The sale of chemicals and articles containing listed PBT substances from the EPA will be very difficult from now on in the USA. Similar to REACH, their presence must be communicated along the supply chain with immediate effect. In addition, there are different transition periods depending on the substance. After no-action periods, it can become expensive.

Persistent, bioaccumulative and toxic (PBT for short) substances are known in Europe, but their use is only partially regulated.

Decabromodiphenyl ether (Deca BDE) is already represented in RoHS and REACH, and hexachlorobutadiene (HCBd) in the POP Regulation of the Stockholm Convention.

The rest are on ECHA's so-called CoRAP list. Substances on the Community Rolling Action Plan are hot candidates for the SVHC list, but are not yet officially listed. This means that they are not taken into account in supplier inquiries about REACH, RoHS, POPs and the like.

Chemical	CAS No.	current EU regulated		
Decabromodiphenyl ether Decabromodiphenylether Deca BDE	1163-19-5	REACH annex XVII register 67, RoHS		flame retardant
Phenol, isopropylated phosphate 3:1 Phenol, isopropyliert, Phosphat (3:1) PIP 3:1	68937-41-7	REACH CoRAP	in the EU not yet really registered	May contain in Lubricants and paints
2,4,6-Tris(tert-butyl)phenol 2,4,6-Tris(1,1-dimethylethyl)phenol 2,4,6-TTBP	732-26-3	REACH CoRAP	in the EU not yet really registered	May be contained in fuels, Hydraulic fluids and lubricating oils
Hexachlorobutadiene Hexachlorbuta-1,3-dien Hexachlorbutadien HCBd	87-68-3	POP		May contain in heat-transferring liquid, Coolant in transformers, liquid for gyroscopes Plant protection products
Pentachlorothiophenol Pentachlorbenzothiol PCTP	133-49-3	REACH CoRAP	in the EU not yet really registered	Used in the rubber industry Used during processing

These three chemicals in particular, which are not yet restricted in Europe, could be present in corresponding item GmbH products.

However, they are neither necessary for the functionality nor for the manufacturing process.

In general, it can be assumed that all metallic items are unproblematic. Possibly the application of paint in powder coatings and wet paint finishes still needs to be investigated.

Especially soft plastics and products containing lubricants are critical.

With kind regards,



Dipl.-Ing. M. Allwicher
Solingen, 02.2022
Documentation