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## **XLII. Plasticizer-Free Chlorinated Polyvinyl Chloride, Plasticizer-Free Chlorinated Copolymers of Vinyl Chloride and Mixtures of these Polymers with other Copolymers**

**As of 01.01.2010**

There are no objections to the use of plasticizer-free chlorinated polyvinyl chloride, plasticizer-free chlorinated copolymers of vinyl chloride and mixtures of these polymers with other copolymers in the manufacture of commodities in the sense of § 2, Para. 6, No 1 of the Food and Feed Code (Lebensmittel- und Futtermittelgesetzbuch), provided they are suitable for their intended purpose and comply with the following conditions:

1. The use of starting materials is subject to the Commission Regulation (EU) No 10/2011.

*The evaluation presented in the following refers to polymers from the following starting substances:*

- a) *Polyvinyl chloride (homopolymer)*
  - b) *Mixed polymers from*
    - α) Vinyl chloride*
    - β) Vinylidene chloride*
    - γ) Ethylene, propylene, butylene*
    - δ) Maleic acid, fumaric acid, itaconic acid, acrylic acid, methacrylic acid, in total max. 8 %*  
*The proportion of polymers made from the monomers α, β, and γ must predominate.*
  - c) *Chlorine*
2. Polymers and copolymers may be produced and processed with the additives regulated by the Commission Regulation (EU) No 10/2011. The respective restrictions have to be followed. Additionally, polymers and copolymers must not contain other production aids and their residues or conversion products (from manufacturing and processing) respectively, than those listed in Recommendation II<sup>1</sup> No 2 a) - e), in the maximum amounts given.
  3. In addition to the additives already regulated by the Commission Regulation (EU) No 10/2011 (the restrictions given have to be followed), the following production aids for chlorination of the polymers and copolymers may be used:  
Swelling agents: methylene chloride, chloroform  
The finished product must contain in total no more than 0.2 % of these agents.

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<sup>1</sup> Recommendation II "Plasticizer-free Polyvinyl chloride, Plasticizer-free Copolymers of Vinyl Chloride and Mixtures of these Polymers with other Copolymers and Chlorinated Polyolefins Containing Mainly Vinyl Chloride in the Total Mixture"