

## **CONSIDERATIONS FOR NON-INCLUSION OF CERTAIN CONTAMINANTS INTO THE FEDIOL FOOD AND FEED SAFETY CHAIN RISK ASSESSMENTS**

The FEDIOL food and feed safety chain risk assessments indicate how to control the hazards that may occur throughout the chains of food and feed products derived from oilseeds and oil fruits. EU legal contaminant limits may apply to some of these products, which in practice represent no risk to these products. These are listed below.

### **1) CHAIN OF OILSEED PRODUCTS**

**Aflatoxins: Aflatoxins are considered of no risk for seed oils intended for further crushing and refining and neither for refined seed oils. Regulation 459/2010 has legally granted an exemption for these oilseed products.**

**Heavy metals: Arsenic, lead, cadmium and mercury (Regulation 1881/2006 and Directive 2002/32).** Levels exceeding the legal limits of these contaminants have never been observed, apart from cadmium in sunflower seed meal as addressed in the risk assessments.

**Hexane:** Council Directive 88/344/EEC on extraction solvents used in the production of foodstuffs and food ingredient limits the level of hexane in oils and fats. Hexane is present in crude oil, but evaporates from that oil during refining.

**Other contaminants of Regulation 1881/2006 and Directive 2002/32** than those mentioned above are considered to be irrelevant for the chains of oilseed products for food and feed application.

### **2) CHAIN OF PALM OIL AND PALM KERNEL OIL PRODUCTS AND COCONUT OILS**

Dioxin and dioxin-like PCB's (Regulation 1881/2006 and Directive 2002/32) are considered to be a very low risk for palm (kernel) oil as levels of these found in these products do not exceed the detection limit.

**Heavy metals (Regulation 1881/2006 and Directive 2002/32).** Levels exceeding the legal limits of these contaminants have never been observed.

**Other contaminants of Regulation 1881/2006 and Directive 2002/32** than those mentioned above are considered to be irrelevant for the food and feed chain of tropical oils products for food application.

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