

## **Dioxin/PCB's and PCP in Polygum Guar Gum**

Polygal AG is not buying any high viscous or low viscous Guar Gum Powder for food application from India. We are producing our low viscous Guar Gum range Polygum 240 and our Polygum 26/1 range in our plant in San Carlos de la Rapita, Spain. The raw material for our production process is not Guar Gum Powder; we are processing Dehusked Guar Gum Splits (DGGS). For that reason we are not directly involved in the Dioxin / PCP scandal.

For safety reason and for the information of our customers, Polygal decided to prepare an overview regarding a potential contamination of our (low viscous) Guar Gums.

Polygal AG is happy to inform you about the results of the "Dioxin Analysis" and the "PCP (Pentachlorophenol) analysis" of our production 2006, 2007 and our raw material stocks for LV Guar of our Polygum 240 range and our Polygum 26/1 range produced at our factory in San Carlos de la Rapita, Spain.

### **Dioxin and dioxin-like PCB's**

The "Dioxin Analysis" was made in the Laboratories of Ökometric GmbH in Bayreuth, Germany.

General results:

For all the samples the content of Polychlorinated Dibenzodioxins and Dibenzofurans (PCDD/PCDF) and of the Polychlorinated Biphenyls (WHO-PCB) has been analysed. The analysis have been made and interpreted according to the procedure published in the commission regulation (EC) No 1883/2006. All the values found for PCDD/PCDF and WHO-PCB are below 0.2 picogramm/g of product.

According to the commission recommendation 2006/88/EC of 6 February 2006 on the reduction of the presence of Dioxins, Furans and PCB's in feed and food the action level for Dioxins and Furans is 0.4 nanogramm/kg of product, the action level for PCB's is 0.2 nanogramm/kg of product.

**The results with our products and raw material samples fully meet the commission recommendation 2006/88/EC of 6 February 2006 for all our Polygum Guar Gums.**

### **Pentachlorophenol (PCP)**

The "PCP analysis" was also made in the Laboratories of Ökometric GmbH in Bayreuth, Germany.

General results:

**All the results have lower PCP concentrations than 0.01 mg/kg.**

Polygal AG thanks all peoples involved, from our customer side, the laboratories involved, from our production and commercial side and also our suppliers for the open discussions, the laboratory work and all other efforts to overcome these critical situations. You did a good job!

If you have any more questions please do not hesitate to contact Polygal AG.

Polygal AG  
H. Steinlin

Märstetten, 09.08.07

### **Contamination of Polygum Guar Gum with Dioxin/PCB's and PCP**

		<b>PCDD/PCDF</b>	<b>Dioxin like PCB</b>	<b>PCP</b>
		<b>pg/g product</b>	<b>pg/g product</b>	<b>ppm</b>
<b>Production 2006</b>				
LV Guar	143 / 06	<b>0.08</b>	<b>0.09</b>	<b>0.001</b>
LV Guar	149 / 06	<b>0.09</b>	<b>0.07</b>	<b>0.002</b>
LV Guar	167 / 06	<b>0.08</b>	<b>0.07</b>	<b>0.001</b>
<b>Production 2007</b>				
LV Guar	130 / 07	<b>0.08</b>	<b>0.07</b>	<b>0.002</b>
LV Guar	138 / 07	<b>0.09</b>	<b>0.07</b>	<b>0.002</b>
LV Guar	141 / 07	<b>0.08</b>	<b>0.06</b>	<b>0.001</b>
<b>Raw Material July 2007</b>				
Guar Gum Splits	MR - 149	<b>0.07</b>	<b>0.06</b>	<b>0.002</b>
Guar Gum Splits	MR - 877	<b>0.07</b>	<b>0.07</b>	<b>&lt;0.001</b>