



Statement on

Di-(2-ethylhexyl)-maleate (DEHM)

Siegwerk confirms that DEHM (CAS 142-16-5) is not used as intentionally added substance in any of our products.

However information from suppliers suggests that DEHM could be present as an impurity in raw materials specifically used in water-based inks, varnishes and OPV's. Provided an exclusive use of those water-based products, which Siegwirk recommends for food packaging applications, we have to date evidence to assume, that the resulting printed packaging would be in full compliance with pertinent packaging regulations.

Additional Information

Di-(2-ethylhexyl)-maleate (DEHM) (CAS 142-16-5) has been in some instances found migrating into food by Swiss authorities at levels above 50 ppb. DEHM is non-mutagenic and non-genotoxic, but there is no formal EFSA (=European Food Safety Authority) evaluation existing until now. However, assessing the available data, a provisional migration limit of 50 ppb has been set by the German "Bundesinstitut für Risikobewertung -BfR- (=German Federal Institute for Risk Assessment)".

Further information suggests that during hydrolysis – which would occur upon ingestion into the human body – the cleavage products are fully EFSA evaluated indicating a high safety margin.