

**European Union comments for the  
CODEX COMMITTEE ON CONTAMINANTS IN FOOD  
13<sup>th</sup> Session**

**Yogyakarta, Indonesia, 29 April – 3 May 2019**

**Agenda Item 7**

**Draft Code of practice for the reduction of 3-monochloropropane-1,2-diol esters (3-MCPDE) and glycidyl esters (GE) in refined oils and products made with refined oils**

**(CX/CF 19/13/7)**

***Mixed Competence  
Member States Vote***

The European Union and its Member States (EUMS) welcome and appreciate the work on the Code of practice for the reduction of 3-monochloropropane-1,2-diol esters (3-MCPDE) and glycidyl esters (GE) in refined oils and products made with refined oils by the electronic Working Group chaired by the United States of America and co-chaired by the European Union and Malaysia

The EUMS agree in general with draft Code of Practice as presented and have following comments:

- §11: While it is correct that the potential for forming glycidyl esters increases from a threshold of 3-4% of diacylglycerols, the exponential increase of glycidyl ester formation is related to increasing temperature.

Therefore, it is proposed to rephrase the sentence “*When DAGs exceed 3-4 % of total lipids, GE formation increases exponentially with increasing temperature*” by “When DAGs exceed 3-4% of total lipids, **the potential for GE formation increases. GE formation increases exponentially with increasing temperature.**”

- §21: It is mentioned that deodorization is done to remove free fatty acids (FFA), colours, and volatile compounds. The EUMS suggest to also explicitly mention that contaminants are removed (it is correct that contaminants are included in the “volatile compounds”, but also FFA are volatile under these conditions and are explicitly mentioned).

Furthermore, it is appropriate to mention in the sentence related to physical refining that physical refining requires a higher temperature because there is no neutralization step.

- Finally, in the first graph of Annex I the fifth bullet in box II is incomplete and has to be completed with “**low concentrations of precursors**” and this in line with § 31.

The EUMS support the finalisation of the CoP and advancing it to Step 8 for adoption by the 42<sup>nd</sup> Session of the Codex Alimentarius Commission.