

Safety Assessment RP1190 2-Hydroxyethyl Methacrylate Phosphate

Area of research interest: [Research projects](#)

Project status: Completed

Project code: RP1190

Conducted by: Regulated Products Risk Assessment Unit FSA and Risk Assessment Team FSS.

Date published: 5 July 2024

Summary

An application was submitted to the Food Standards Agency (FSA) and Food Standards Scotland (FSS) in January 2021 by Keller and Heckman LLP for the authorisation of 2-hydroxyethyl methacrylate phosphate (HEMAP) as a monomer in a commercial product for use in the manufacture of kitchen countertops and sinks that are intended for contact with all types of food.

All components of the commercial product are listed in assimilated Regulation EU No 10/2011 on plastic materials and articles intended to come into contact with food. The application and the following assessment are for HEMAP only, not the commercial product.

Satisfactory information regarding the identity of substance, physical and chemical properties, intended application of substance, data on migration of substance and toxicological data were submitted.

To support the FSA and FSS in evaluating the dossier, the Joint Expert Group on Food Contact Materials (FCMJEG) were asked to review the dossier submitted by the Applicant and the subsequent additional information requested. The FCMJEG concluded that there was no concern to human safety from the use of HEMAP in the commercial product to be used in the manufacture of kitchen countertops and sinks. The Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT) also reviewed the FCMJEG safety assessment agreeing with the conclusions of the FCMJEG.

The views of the FCMJEG and COT have been taken into account in this safety assessment which represents the opinion of the FSA and FSS on the authorisation of HEMAP as a monomer for use in the manufacture of kitchen countertops and sinks.

Download the report

PDF

[View RP1190 - Safety Assessment: Outcome of the Assessment of 2-Hydroxyethyl Methacrylate Phosphate as a Monomer as PDF\(Open in a new window\)](#) (309.17 KB)