

WG25-64

FOOD, WALES

REGULATED PRODUCTS, WALES

FOOD CONTACT MATERIALS

Determination of authorisation status: authorisation of phosphoric acid, mixed esters with 2-hydroxyethyl methacrylate for use in plastic materials and articles intended to come into contact with food

Explanatory note

(this note is not part of the determination)

This determination is made in relation to Wales by the Welsh Ministers in exercise of the powers conferred by Article 11 of Regulation [\(EC\) 1935/2004](#) of the European Parliament and of the Council on materials and articles intended to come into contact with food (EUR 2004/1935).

It authorises the substance phosphoric acid mixed esters with 2-hydroxyethyl methacrylate for use in plastic materials and articles intended to come into contact with food. The terms of the authorisation and the conditions and restrictions under which the food contact material is authorised are set out in the Schedule.

There has been consultation as required by Article 9 of Regulation [\(EC\) No 178/2002](#) of the European Parliament and of the Council laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety (EUR 2002/178).

Determination

Application and coming into force

1. This determination applies in relation to Wales, and comes into force on 13th October 2025.

Interpretation

2. Any expression used both in this determination and in Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food has the same meaning as it has in that Regulation.

Determination of authorisation status of phosphoric acid, mixed esters with 2-hydroxyethyl methacrylate

3. The substance phosphoric acid, mixed esters with 2-hydroxyethyl methacrylate is authorised for use in plastic materials and articles intended to come into contact with food, subject to the conditions, restrictions and specification set out in the Schedule.

Sarah Murphy

Minister for Mental Health and Wellbeing, under the authority of the Cabinet Secretary for Health and Social Care, one of the Welsh Ministers

6 October 2025

SCHEDULE

| Food Contact Material substance Number | Ref. No | Chemical Abstract Service ¹ Number | Substance name | Use as additive or polymer production aid (yes/no) | Use as monomer or other starting substance or macromolecule obtained from microbial fermentation (yes/no) | Fat Consumption Reduction Factor applicable (yes/no) | Specific Migration Limit [mg/kg] | Specific Migration Limit [mg/kg] (Group restriction Number) | Restrictions and specifications | Notes on verification of compliance |
|--|---------|---|--|---|--|---|-------------------------------------|---|---|-------------------------------------|
| 1082 | | 52628-03-2 | Phosphoric acid, mixed esters with 2-hydroxyethyl methacrylate | no | yes | no | 0.05 | | Only to be used at up to 0.35% (w/w) to manufacture polymethylmethacrylate. The Specific Migration Limit (SML) is expressed as the sum of the mono-, di- and triesters of phosphoric acid and the mono-, di-, tri- and tetraesters of diphosphoric acid. | |

¹ <https://cas.org/cas-data/cas-registry>