Powdered cellulose and glucono-delta-lactone in spreadable cheese

Published by AGRINFO on 10 Oct 2024

Commission authorises use of powdered cellulose [E 460(ii)] and glucono-delta-lactone [E 575] in unripened soft spreadable cheese products

Commission Regulation (EU) 2024/2608 of 7 October 2024 amending Annex II to Regulation (EC) No 1333/2008 of the European Parliament and of the Council as regards the use of powdered cellulose (E 460(ii)) and glucono-delta-lactone (E 575) in unripened soft spreadable cheese products

Update

The EU has authorised the use of powdered cellulose [E 460(ii)] and glucono-delta-lactone [E 575] in the production of unripened soft spreadable cheese products.

Impacted products

Cheese products

What is changing?

The European Commission has authorised the use of powdered cellulose [E 460(ii)] as a stabiliser and glucono-delta-lactone [E 575] as an acidity regulator in unripened soft spreadable cheese products.

Why?

The use of powdered cellulose [E 460(ii)] and glucono-delta-lactone (E 575) as food additives is of very low safety concern. Use of these additives makes the production process more efficient and requires less raw material, energy, and time.

Copyright © **COLEAD 2026,** *AGRINFO is funded by the European Union and implemented by COLEAD.*

Timeline

The Regulation applies from **28 October 2024**.

Background

This authorisation updates Regulation 1333/2008 on food additives (Annex II, Part E).

Glucono-delta-lactone [E 575] acidifies milk and coagulates casein by a controlled pH reduction without using lactic acid bacteria. Powdered cellulose [E 460(ii)] binds whey and prevents its separation from curd, ensuring a stable product over its shelf-life. A previous safety evaluation of glucono-delta-lactone [E 575] established its ADI as "not specified", which means that total daily intake of the substance is safe at the levels needed for the desired effect (Commission of the European Communities 1991).

Resources

Commission of the European Communities (1991) Reports of the Scientific Committee for Food, Twenty-fifth series.

Sources

Commission Regulation (EU) 2024/2608 as regards the use of powdered cellulose (E 460(ii)) and glucono-delta-lactone (E 575) in unripened soft spreadable cheese products

Visit the AGRINFO website to view the latest AGRINFO Update newsletters and search the database.

Disclaimer: *Under no circumstances shall COLEAD be liable for any loss, damage, liability or expense incurred or suffered that is claimed to have resulted from the use of information available on this website or any link to external sites. The use of the website is at the user's sole risk and responsibility. This information platform was created and maintained with the financial support of the European Union. Its contents do not, however, reflect the views of the European Union.*

Copyright © **COLEAD 2026,** *AGRINFO is funded by the European Union and implemented by COLEAD.*