

# Powdered cellulose and glucono-delta-lactone in spreadable cheese

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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.

## 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

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