

# Flavouring substance 4-methyl-2-phenylpent-2-enal

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Commission Regulation (EU) [2025/147](#) as regards the removal of the flavouring substance 4-Methyl-2-phenylpent-2-enal (FL No 05.100) from the Union list

## What is changing and why?

The European Union authorises certain flavouring substances to be used in foods in the EU and, where necessary, puts restrictions on their use (Regulation [1334/2008](#), Annex I). The European Commission has removed 4-methyl-2-phenylpent-2-enal from the Union list because the European Food Safety Authority has concluded that safety concerns regarding its genotoxicity (the ability of a substance to damage the genetic information within a cell) cannot be ruled out.

The use of this substance was already restricted (see [New restrictions on the use of certain flavouring substances](#)). As no data was submitted to support continued use of the flavouring, it is now being prohibited.

## Actions

Companies that export food products containing 4-methyl-2-phenylpent-2-enal as a flavouring can look for alternative EU-compliant substances in the [Food Flavourings Database](#).

## Timeline

From **19 February 2025** food containing 4-methyl-2-phenylpent-2-enal will no longer be able to enter the EU market. Foods containing 4-methyl-2-phenylpent-2-enal imported into the EU before 19 February 2025 may continue to be marketed until their use-by date if the importer can demonstrate that the products were in transit to the EU before 19 February 2025.

For more information see the [full record](#) on the AGRINFO website – where you can also view the latest [AGRINFO Update](#) newsletters and [search](#) the database.

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