

MICROPLASTICS: EU Parliament has requested EFSA to deliver a scientific opinion

SAFE SUSTAINABLE SOLUTIONS



MICROPLASTICS EXPOSURE & RISK ASSESSMENT

The European Parliament has tasked EFSA with developing a new scientific assessment on the potential health risks posed by microplastics found in food, drinking water, and the air we breathe. Public attention toward this issue has surged in recent years, yet major gaps in scientific knowledge remain. For this reason, the initiative is both timely and highly relevant. Microplastics under scrutiny EFSA's scientific panel will examine the latest research to better understand how microplastics enter the human body, the effects they may cause, and how they can find their way into food. The experts will also update current estimates of dietary exposure using newly published scientific data. The final opinion - expected by the end of 2027 - aims to strengthen understanding in a field still marked by considerable uncertainty. Once published, it will offer the European Parliament up-to-date insights and help risk managers make informed decisions on how best to protect consumers from microplastic exposure through food.



Public concern on the rise recent findings from EFSA's 2025 Special Eurobarometer on Food Safety confirm the growing attention: awareness of microplastics in food has reached 63% among EU citizens, an eight-point increase compared with 2022. Moreover, one in three respondents (33%) now considers microplastics among their top food-safety concerns - a recurring trend across several Member States.

EFSA's expanding body of research over the past few years, EFSA has published several analyses on microplastics. **The most recent is a comprehensive literature review examining the release of micro- and nanoplastics from food contact materials.** The assessment confirms that these materials can indeed release microplastics, although at levels far lower than those reported in some studies. The review also highlights significant data gaps and outlines priority areas for future research.

Technical Report

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Literature review on micro- and nanoplastic release from food contact materials during their use

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EFSA FINDINGS

Micro- and nanoplastic release from food contact materials during their use

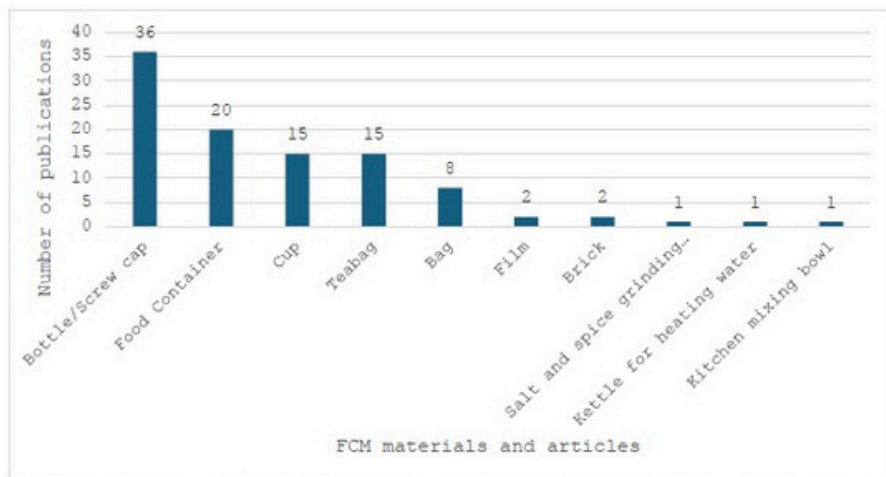


Figure 2: Frequency of FCM types across publications (based on 101 FCM reported in 81 publications; a single publication may address multiple FCM)

EFSA European Food Safety Authority - "Literature review on micro- and nanoplastic release from food contact materials during their use" - 2025,
https://www.researchgate.net/publication/396739072_Literature_review_on_micro-_and_nanoplastic_release_from_food_contact_materials_during_their_use

The review concludes that:

1. There is evidence that FCM can release microplastics during use.
2. This release is mainly driven by mechanical stress or the structure of fibrous materials.



Food Contact Center & Services Activities on MIP

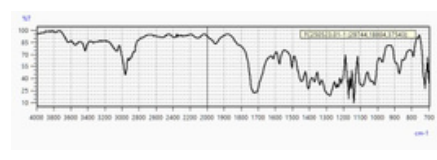
We work every day to be updated and to give support to Companies; for this reason we are involved in the Microplastics Initiative – ILSI Europe

<https://ilsi.eu/scientific-activities/food-safety/ilsi-europe-initiative-on-microplastics-new>

In Technical Groups we discuss about Testing Methods and strategies to manage the risk. This guarantees us to be able to offer our customers a service that is always updated to the latest national and EU trends, guaranteeing quality of information and activities.

Food Contact Center's solution

Food Contact Center supports companies in their products control, by using the most advanced analytical methods currently available.



Score	Library	Name
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The Laboratory Management

