# Regulation (EU) 2025/2365: Preventing Plastic Pellet Losses

SAFE SUSTAINABLE SOLUTIONS

## Understanding the EU's new rules to reduce microplastic pollution



**Why this matters?**

- Microplastics persist for decades, harm wildlife and ecosystems, and act as carriers for toxic substances. People can ingest them through air and food.
- Plastic pellets ("nurdles", granules, flakes etc.) are moulding materials less than 5 mm in size and teir loss is the third-largest source of microplastic pollution in the EU because of poor handling throughout the supply chain.
- The EU aims to cut microplastic releases by 30 % by 2030; member states currently apply a patchwork of rules.

**Regulation (EU) 2025/2365** establishes a harmonised EU framework to prevent plastic pellet losses across the entire supply chain. It applies to all economic operators and carriers handling plastic pellets, regardless of size or role, and **introduces a zero-loss objective**. Each operator must implement a risk management plan for every installation, identifying high-risk operations, annual volumes handled and potential spill sources. **The Regulation prioritises prevention, followed by containment and clean-up,** requiring appropriate packaging, catchment systems, cleaning equipment and staff training. Operators must also maintain standardised records on quantities handled and estimated losses. Mandatory certification is introduced progressively, **with compliance deadlines between 2027 and 2030 depending on company size.**

In parallel, the EU has adopted a **Quality Amendment to the food-contact materials (FCM) legislation, amending Regulations (EU) 10/2011, 2023/2006 (GMP) and 2022/1616 on recycled plastics, applicable from 16 September 2026.** The amendment clarifies key definitions, introduces stricter purity requirements for additives and UVCB substances, and tightens migration limits and testing obligations, including for multilayer materials, adhesives and printing inks. Recyclers must comply with enhanced traceability and decontamination requirements, while reprocessing of by-products is permitted only under strict GMP conditions. New labelling obligations apply to reusable plastic FCMs, and a transition period allows products placed on the market before the application date to remain available while manufacturers adapt materials, testing protocols and recycling systems.

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## OUR SOLUTION

### Microplastic Presence Analysis

- **Sampling & detection**: We collect samples from air, water, soil and surfaces across your site and supply chain to detect microplastics and pellets. Using advanced techniques (micro-FT-IR), we identify polymer types, particle sizes and contamination levels.
- **Quantification & reporting**: Results are reported in number of particles per litre or kilogram, with size distribution, polymer composition and confidence intervals. This data helps you estimate annual losses and comply with record-keeping obligations.

### Risk Management & Compliance Consultancy

- **Risk management plans**: Our experts help you develop site-specific risk management plans that meet Annex I requirements—mapping high-risk locations, defining responsibilities, and specifying equipment and procedures
- **Training & awareness**: We train staff, drivers and contractors on prevention, containment and clean-up procedures, ensuring compliance with Article 5(6).
- **Internal audits & certification support**: We assist with internal compliance assessments, documentation and liaison with certifiers to obtain and maintain the required certificates.



### Why choose us?

- We know the latest EU rules on microplastics and food-contact materials inside out.
- We guide you through compliance with practical risk management plans, staff training, and certification support.
- We detect and analyze microplastics with cutting-edge technology, giving you clear data to prevent losses

**That's why we're the right partner to help your business stay ahead of EU regulations!**

**contact us at**

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*The Laboratory Management*

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