Facts about product safety

At Metsä Fibre, ensuring product safety is a key priority. Our commitment to safety extends not only to occupational safety but also to the safety of our products and production processes.

REGULATORY FRAMEWORK, STANDARDS AND CERTIFICATIONS

Our pulp and bioproduct mills produce fresh fibre pulp that is clean and suitable for use in products that come into contact with food. We take rigorous measures to ensure that no substances harmful to human health migrate from our pulp into food products, and that contact with packaging material made from our pulp does not alter the taste, odour or composition of the food.

Over the years, Metsä Fibre's mills have diligently taken measures to identify any potential production risk factors that might introduce impurities or foreign matter into the pulp. Full control of the chemicals used in our production guarantees consistent high pulp quality and an unbroken product safety chain.



Our commitment to safety includes close monitoring of the pulp process and immediate reaction to any deviations. Metsä Fibre production sites adhere to good manufacturing practice (GMP), which is a basic requirement in Europe and is described in Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food. In addition to meeting the basic requirements, all Metsä Fibre pulp and bioproduct mills are certified under the ISO 22000 food safety management system.

To maintain high standards, we continually develop indicators and methods for closely monitoring the pulp process. Our Pulp Expert online analysis tool provides constant monitoring, while process supervisors conduct visual checks to ensure quality. Additionally, an external service provider performs microbial analyses. Each of our mills has its own laboratory, where samples of pulp are analyzed multiple times per day. Basic measurements occur four to five times every hour.

Furthermore, the FOX quality index monitors 15–20 key production parameters and triggers an alarm if guideline values are exceeded. Regular wastewater measurements and microbiological tests are also part of our safety protocols.

PRODUCT SAFETY ACROSS THE VALUE CHAIN

The measures we take to ensure safety of our pulp products involve evaluation of raw materials from suppliers, using chemicals with restrictions set for them in food contact material regulations, managing process hygiene, and conducting regular product testing.

Raw material quality

Safety aspects are important throughout Metsä Group. One of our clear strengths lies in managing the entire wood raw material value chain from forest to our mill. This comprehensive approach is overseen by Metsä Group's various business units.

All the wood fibre we use can be traced back to the forest it came from. Our wood raw material comes exclusively from controlled, traceable, and third-party-verified sources located in sustainably managed northern forests.

Product safety in a nutshell:

- Our products are safe for people and the environment.
- We comply with the regulatory requirements, standards and instructions relevant for our products.

Metsä

Metsä Fibre
www.metsagroup.com/metsafibre

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