



EU Fertilising Products Regulation ('FPR')

(Regulation (EU) 2019/1009)

Harmonised rules for algae-based fertilising products?

ESPP webinar on regulatory status of algae

22 March 2021

DG GROW – Unit F2 Bioeconomy, chemicals, cosmetics

The EU Fertilising Products Regulation (FPR)

Harmonised rules apply on placing on the market of EU fertilising products (not their use), fully applicable as of 16 July 2022

Harmonisation remains optional

CE → Free movement in the single market

applicable conformity assessment procedures (NLF modules A, B+C, D1)

FPR may cover fertilising products containing algae-based materials under conditions

End-of waste status for materials recovered from waste, if contained in a compliant EU fertilising product (Article 19)

- ✓ recovery operations
- ✓ conditions in Art 6 of Waste Framework Directive

FPR establishes Product Function Categories (PFCs in Annex I) with specific requirements

- Safety (contaminants, pathogens)
- Quality (content of nutrients, parameters)
- Labelling

Worth to highlight

‘Fertiliser’ provides nutrients to plants or mushrooms

‘Soil improver’ maintains, improves or protects properties, structure or biological activity of soil to which it’s added

‘Plant Biostimulant’ stimulates plant nutrition processes and improves:

- nutrient use efficiency
- tolerance to abiotic stress
- quality trait of plants
- availability of nutrient in soil or rhizosphere



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Algae-based materials must be covered by one Component Material Category (CMCs in Annex II) with special technical requirements

Current CMCs	Additional requirements
"Virgin material substances and mixtures (CMC 1)" 	Waste/waste origin excluded
"Plant, plant parts, plant extracts (CMC 2)"	includes algae (micro- and macro-) <ul style="list-style-type: none"> • excludes cyanobacteria • excludes any chemical or heat treatment*
<u>as input materials for production:</u> "Compost (CMC 3)" "Digestate (CMC 4 & 5)"	recovery operation and additional safety requirements via Article 19 } end-of waste status includes algae (micro- and macro-) CMC 4 excludes cyanobacteria as input
By-products within Directive 2008/98/EC (CMC 11) 	(criteria are currently developed for this category and will probably not cover algae-based by-products)
Future CMCs	Additional requirements
<u>as input materials for production:</u> Thermal oxidation materials and derivatives (CMC 13) Pyrolysis and gasification materials (CMC 14) 	Recovery operation and additional safety requirements via Article 19 } end-of waste status



Thank you for your attention

Follow the work on the implementation of the FPR

on CircABC space for the Commission Expert Group on fertilising products

<https://circabc.europa.eu/ui/group/36ec94c7-575b-44dc-a6e9-4ace02907f2f>

on the EC website

http://ec.europa.eu/growth/sectors/chemicals_en

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