



2024/2961

2.12.2024

**COMMISSION IMPLEMENTING DECISION (EU) 2024/2961**

**of 29 November 2024**

**concerning the extension of the action taken by the Finnish Safety and Chemicals Agency permitting the making available on the market and use of the biocidal product Biobor JF in accordance with Regulation (EU) No 528/2012 of the European Parliament and of the Council**

*(notified under document C(2024) 8391)*

**(Only the Finnish and Swedish texts are authentic)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products <sup>(1)</sup>, and in particular Article 55(1), third subparagraph, thereof,

Whereas:

- (1) On 26 April 2024, the Finnish Safety and Chemicals Agency ('the Finnish competent authority') adopted, in accordance with Article 55(1), first subparagraph, of Regulation (EU) No 528/2012, a decision to permit from 5 May 2024 until 1 November 2024 the making available on the market for, and use by, professional users of the biocidal product Biobor JF for the antimicrobial treatment of aircraft fuel tanks and fuel systems ('the action'). The Finnish competent authority informed the Commission and the competent authorities of the other Member States of the action and the justification for it in accordance with Article 55(1), second subparagraph, of that Regulation.
- (2) According to the information provided by the Finnish competent authority, the action was necessary in order to protect public health. Microbiological contamination of aircraft fuel tanks and fuel systems is caused by micro-organisms, such as bacteria, mould and yeast, that grow in the stagnant water and feed off the hydrocarbons in the fuel at the fuel-to-water interface. If left untreated, the microbiological contamination of aircraft fuel tanks and fuel systems can lead to malfunctions of the aircraft engine and endanger the aircraft airworthiness, thus endangering the safety of passengers and crew. The prevention of microbiological contamination and, when such contamination is detected, its treatment are therefore crucial in order to avoid operational problems in aircraft.
- (3) Biobor JF contains 2,2'-(1-methyltrimethylenedioxy)bis-(4-methyl-1,3,2-dioxaborinane) (CAS number 2665-13-6) and 2,2'-oxybis(4,4,6-trimethyl-1,3,2-dioxaborinane) (CAS number 14697-50-8) as active substances. Biobor JF is a biocidal product of product-type 6 ('preservatives for products during storage'), as defined in Annex V to Regulation (EU) No 528/2012. 2,2'-(1-methyltrimethylenedioxy)bis-(4-methyl-1,3,2-dioxaborinane) and 2,2'-oxybis(4,4,6-trimethyl-1,3,2-dioxaborinane) have not been evaluated for use in biocidal products of product-type 6. As those substances are not listed among the substance/product-type combinations included in the review programme on 17 March 2022, as set out in Annex II to Commission Delegated Regulation (EU) No 1062/2014 <sup>(2)</sup>, they are not included in the work programme for the systematic examination of all existing active substances contained in biocidal products, referred to in Regulation (EU) No 528/2012. Article 89 of Regulation (EU) No 528/2012 therefore does not apply to those active substances and they have to be assessed and approved before biocidal products containing them can be authorised also at national level.

<sup>(1)</sup> OJ L 167, 27.6.2012, p. 1, ELI: <http://data.europa.eu/eli/reg/2012/528/oj>.

<sup>(2)</sup> Commission Delegated Regulation (EU) No 1062/2014 of 4 August 2014 on the work programme for the systematic examination of all existing active substances contained in biocidal products referred to in Regulation (EU) No 528/2012 of the European Parliament and of the Council (OJ L 294, 10.10.2014, p. 1, ELI: [http://data.europa.eu/eli/reg\\_del/2014/1062/oj](http://data.europa.eu/eli/reg_del/2014/1062/oj)).

- (4) On 23 August 2024, the Commission received a reasoned request from the Finnish competent authority to allow the extension of the action in accordance with Article 55(1), third subparagraph, of Regulation (EU) No 528/2012. The reasoned request was based on concerns that air transport safety might continue to be endangered by microbiological contamination of aircraft fuel tanks and fuel systems and on the argument that Biobor JF is essential in order to control such microbiological contamination.
- (5) According to the information provided by the Finnish competent authority, the only alternative biocidal product recommended by aircraft and aircraft engine manufacturers for the treatment of microbiological contamination (namely, Kathon™ FP 1.5) was withdrawn from the market in March 2020 due to severe behaviour anomalies that were noticed after the treatment of aircraft engines with that product. Biobor JF is therefore the only available product for that use recommended by aircraft and aircraft engine manufacturers.
- (6) As indicated by the Finnish competent authority, the mechanical treatment of microbiological contamination of aircraft fuel tanks and fuel systems is not always possible and the procedures recommended by engine manufacturers require the treatment with a biocidal product even when mechanical cleaning is possible. Moreover, mechanical treatment would expose workers to toxic gases and should therefore be avoided.
- (7) The manufacturer of Biobor JF has taken steps towards an authorisation of the product. An application for approval of the active substances that Biobor JF contains is expected to be submitted by mid-2025. The approval of the active substances and the authorisation of the biocidal product would constitute a permanent solution for the future, but a significant amount of time would be needed for the completion of the approval and authorisation procedures.
- (8) The lack of control of microbiological contamination of aircraft fuel tanks and fuel systems might endanger air transport safety and that danger cannot be adequately contained by using another biocidal product or by other means. It is therefore appropriate to allow the Finnish competent authority to extend the action.
- (9) The measures provided for in this Decision are in accordance with the opinion of the Standing Committee on Biocidal Products,

HAS ADOPTED THIS DECISION:

#### *Article 1*

The Finnish Safety and Chemicals Agency may extend until 6 May 2026 the action to permit the making available on the market for, and use by, professional users of the biocidal product Biobor JF for the antimicrobial treatment of aircraft fuel tanks and fuel systems.

#### *Article 2*

This Decision is addressed to the Finnish Safety and Chemicals Agency.

Done at Brussels, 29 November 2024.

*For the Commission*  
Stella KYRIAKIDES  
*Member of the Commission*