

Í (Annex to decision no.: MZDR 27433/2024-3/OBP; PID: MZDRX01TOIWU

SUMMARY OF THE PROPERTIES OF THE BIOCIDAL PREPARATION

Biobor JF

Product type: 6

Permit number 1 : CZ-2024-55-03

¹ The permit was issued in accordance with Article 55 of Regulation (EU) No. 528/2012 of the European Parliament and of the Council on the conditions for supplying biocidal products to the market and their use, as amended.

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the preparation

Trade name	Biobor JF
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1.2. Permit holder

Permit number	CZ-2024-55-03
Period of validity of the permit	13.5.2025

1.3. Manufacturer(s) of the preparation

Manufacturer's name	Hammonds Fuel Additives, Inc.
Manufacturer's address Location of manufacturing plants	6951 W Little York Houston Texas 77040 USA
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1.4. Manufacturer(s) of active ingredient(s).

Active substance	--
Manufacturer name	--
Manufacturer's address	--
Location of manufacturing plants	--

2. COMPOSITION OF THE PREPARATION AND ITS TYPE OF COMPOSITION

2.1. Qualitative and quantitative information about the composition of the preparation

Common name	Title by IUPAC	Function	CAS number	EC number	Content (%)
2,2'-[(1-methylpropane-1,3-diyl)bis(oxy)]bis[4-methyl-1,3,2-dioxaborin]		active substance	2665-13-6	220-198-4	67,6
2,2'-oxybis[4,4,6-trimethyl-1,3,2-dioxaborin]		active substance	14697-50-8 238-749-2		27,4
Solvent naphtha (petroleum), light aliphatic			64742-89-8 265-192-2		4,5

2.2. Type of product composition

AL - Any other liquid

3. STANDARD HAZARD PHRASES AND INSTRUCTIONS FOR SAFE HANDLING

Standard hazard statements	Flammable liquid and vapors. Harmful if swallowed. Harmful in contact with skin. Causes serious eye damage.
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	Suspected impairment of reproductive capacity. Suspicion of damage to the fetus in the mother's body.
Instructions for safe handling	Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. – No smoking. Use safety glasses. Use protective gloves. Use protective clothing. IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if worn and if they can be removed easily. Continue rinsing. Call a doctor immediately.

4. PERMITTED USE(S).

4.1. Description of use

Table 1. Use #1 – Aviation Fuel Additive

Product type	Product type 06 - Preservatives for products during storage (Preservatives)
If necessary, provide a precise description of the permitted use	Preventive and curative use
Target organism(s) (including developmental stage)	Cladosporium resin Pseudomonas aeruginosa
Field of application	Outdoor
Method(s) of application	Mixing with fuel See instructions for use
Application dose(s) and frequency	Curative: 1 liter of preparation per 5000 liters of fuel. Preventive: 1 l of product per 10,000 l of fuel - 0.01-0.02% vol. Recommended duration of action for curative use 24-36 hours
User categories	professional
Package size and packaging material	Plastic containers 8 oz - 330 gallon

4.1.1. Instructions for the given method of use

See general guidelines

4.1.2. Risk mitigation measures for the given use

See general guidelines

4.1.3. Data on likely direct or indirect effects, first aid instructions and environmental emergency measures for the intended use

See general guidelines

4.1.4. Instructions for the safe disposal of the product and its packaging for the given method of use

See general guidelines

4.1.5. Storage conditions and shelf life of the product under normal storage conditions for the given method of use

See general guidelines

5. GENERAL RULES FOR USE²

5.1. Instructions for use

For contaminated aircraft fuel tank or storage systems where microbial growth has already occurred, the product should be used as a curative treatment to eradicate and control microorganisms in the tank. The product can also be used regularly in sterile systems as a preventive treatment to avoid contamination.

Dosage for curative treatment: 1 liter of product per 5000 liters of fuel

Dosage for preventive treatment: 1 liter of product per 10,000 liters of fuel

Before application, drain the water settled at the bottom of the tank and keep the tanks dry. The preparation may only be mixed into the fuel, not into the water settled at the bottom of the tank.

The recommended method of achieving the recommended concentration of the preparation is metered injection directly into the flowing fuel stream when refueling the aircraft. This ensures mixing and thus prevents a local high concentration of the product. If metered injection is not available and batch mixing is the only option, care must be taken to ensure that the product is only added to clean, dry fuel. When mixing in batches, add the preparation to the highest possible amount of fuel, i.e. the tank while filling it. Start adding product when the tank is half full, never to an empty tank.

When applying the product, follow the relevant maintenance instructions. Do not exceed the volume concentration of the preparation in the fuel of 0.10%, a higher concentration can lead to the formation of solid particles. For best results in curative use, fill tank completely and leave for 24 to 36 hours.

After applying biocide, monitor filters, remove water from tanks and replace filters at recommended intervals.

5.2. Risk mitigation measures

Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. No smoking.

When working with the product, wear safety glasses or a face shield, chemical-resistant gloves (e.g. rubber) and protective clothing.

After working with the product, wash your hands carefully with soap and water.

Remove contaminated clothing and wash before reuse.

Avoid release to the environment.

5.3. Data on likely direct or indirect effects, first aid instructions and urgent cases

First aid instructions

IF IN EYES: Immediately flush eyes with plenty of water. Remove contact lenses, if worn and if they can be removed easily. Continue rinsing. Seek medical attention immediately.

IF ON SKIN: Wash with plenty of water. If you feel unwell, call the Poison Control Center.

IF SWALLOWED: Call the Poison Control Center. Do not induce vomiting.

² The instructions for use, risk mitigation measures and other instructions for use in this section apply to permitted uses.

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Note to physician: Probable mucosal damage may contraindicate gastric lavage.

Toxicological information center: tel. 224 91 92 93 or 224 91 54 02

Measures to protect the environment in the event of an accident

Collect the spilled product using a suitable absorbent material, store in a tightly closed container and dispose of it as hazardous waste. Keep away from heat and sources of ignition. Use appropriate personal protective equipment. Avoid release to sewers, surface water or soil.

In case of leakage of a large amount of product into surface water, underground water or sewerage, inform the relevant authorities.

5.4. Instructions for the safe disposal of the product and its packaging

Dispose of the product and empty packaging as hazardous waste.

5.5. Storage conditions and shelf life of the product under normal storage conditions

Store in well-ventilated areas.

Keep the package tightly closed. Protect contents from moisture. Long-term exposure to atmospheric moisture can cause the formation of solid particles and loss of effectiveness.

Combustible. Keep away from heat and sources of ignition.

Store only in original packaging.

Do not use the product if it is cloudy or contains solid particles.

Shelf life: 3 years

6. OTHER INFORMATION

Telephone number for emergency situations: Toxicology Information Center, Clinic of Occupational Medicine VFN and 1st Faculty of Medicine, University of Applied Sciences, Na Bojišti 1, 120 00, Prague 2, phone: 224 919 293 and 224 915 402