

Kompovit-ACF 32

Microbial auxiliary agent

Technical Data Sheet | Version 1 | Revision date: 09.09.2022

Product description

Kompovit-ACF 32 is an aqueous suspension of natural heterotrophic, facultatively photosynthetic or chemolithotrophic bacteria (wild type). The product is intended as a microbial auxiliary agent for the degradation of organic matter and ammonia.

1. Areas of application

- Wastewater treatment plants: microbial auxiliary agent for the degradation of organic matter and ammonia
- Composting
- Remediation of contaminated soils
- Remediation of lakes and rivers
- Animal husbandry

2. Composition

Water	> 98 %
Viable bacteria	< 1 %
Harmless medium residues	< 1 %
CAS No.	68920-42-3

3. Physical and chemical properties

Physical state	Liquid (20 °C)
Colour	Amber to light brown
Melting/freezing point	0 °C
Boiling point	100 °C
Flammability	Not flammable
pH value	7.0 - 8.5
Solubility	Aqueous suspension

4. Storage and stability

Storage	Keep in the closed original container.
Temperature	Ideally store below 35 °C; do not exceed 45 °C for more than 24 hours.
Protection from freezing	Do not freeze.
After use	Keep tightly closed between applications.
Stability	Stable under normal storage, transport and use conditions.

5. Handling and personal protective equipment

- Observe general safety standards and good occupational hygiene practices.
- Avoid contact with skin, eyes, nose and mouth; avoid exposure by inhalation.
- Use impermeable nitrile gloves.
- When spraying, eye protection in accordance with EN 166:2001 or equivalent is recommended.
- Keep out of the reach of children and do not store together with food, beverages or animal feed.

6. Safety and environmental information

GHS classification	Not applicable; classified as non-hazardous.
Microorganisms	According to TRBA 466: Risk Group 1; considered unlikely to cause disease in humans.
Fire/explosion characteristics	Non-flammable, non-explosive, non-reactive; does not produce toxic gases.
Ecotoxicity	No indication of ecotoxicity.
Bioaccumulation	No indication of bioaccumulation.
Transport	Not classified as dangerous goods under ADR/RID, IMDG or ICAO-TI/IATA-DGR.

7. Supplier and contact

Company	BluePlanet Germany GmbH
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Note: This technical data sheet summarizes product-related information from the Safety Data Sheet. The complete Safety Data Sheet is authoritative for safety, first-aid, disposal and regulatory information.