

APPROVED
Director Stovek, LLC
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[Seal:] Stovek, Limited Liability Company, Republic of Belarus Minsk Region, Stolbtsy

Summary of Product Characteristics Biodestructor Biosanvit-M

1. GENERAL PRODUCT INFORMATION

1.1 Biodestructor Biosanvit-M is a multicomponent complex of live non-pathogenic *Bacillus spp.* and products of their synthesis in form of filling medium.

1.2 Biosanvit-M is a free-flowing powder from light to dark brown or from light grey to dark grey, a yellowish tint with interspersed dark colour is possible, with a weak specific odour, without impurities and mould.

1.3 1.0 g of biodestructor Biosanvit-M contains at least 10^7 microbial cells of bacteria *Bacillus spp.* These bacteria are non-pathogenic and do not pollute the environment.

1.4 Biosanvit-M is non-toxic agent, completely biodegradable, harmless to human health, animals (including birds), plants, safe for waste-disposal plants and sewage facilities, non-corrosive.

1.5 Biosanvit-M is produced in the form of a powder, packed in foil or polymer bags of appropriate capacity, 50, 100, 500, 1000, 5000 and 10000 g each; in multi-layer paper bags with a polyethylene liner of 10, 20, 25, 30 kg; in plastic jars with a screw cap of the corresponding capacity of 100, 200, 250, 500, 750, 1000, 1500, 2000, 5000 g.

1.6 Shelf life is 24 months from the date of manufacture, provided that it is stored at temperatures from 0 ° C to 25 ° C in a dry, dark place.

2. PHARMACOLOGICAL PROPERTIES

2.1 Biodestructor Biosanvit-M is intended for sanitary and hygienic treatment of drainage, bedding and livestock buildings, promotes the rapid decomposition of organic waste, elimination of unpleasant odours (ammonia, hydrogen sulphide, mercaptans, etc.), wastewater treatment, preparation of a places for livestock management (including poultry).

2.2 The principle of biodestructor action is that saprophytic microorganisms for their vital activity use protein, carbohydrate and fat residues contained in animal waste. During the life cycle of bacteria, all these organic substances are disintegrated to carbon dioxide, water and a small amount of minerals, thus significantly reducing the amount of solid content in cesspools, lagoons and septic tanks, purifying the liquid part of the effluent. The need for sewage disposal is reduced, and the treated wastewater can be used for technical needs.

As a result of the destructor action, the content of harmful fumes decreases, the appetite of animals increases, weight gain, which has a beneficial outcome on the general well-being of the animals.

2.3 Microorganisms component of Biosanvit-M colonize environmental medium (room, bedding), promote nonspecific control over the number of opportunistic and pathogenic flora and reduce its presence by displacing it from the surface.

On the inner surface of the pipe, microorganisms form a microbial film that prevents pipes encrustation, thereby increasing the service life of the sewerage system.

2.4 Biosanvit-M reduces silting of the cesspool bottom, reduces the volume of dry residue.

2.5 Biosanvit-M inhibits pathogenic microflora and helminth eggs, thereby favour biodecontamination disinfection of drainage.

2.6 Biosanvit-M enriches the organic mass with nutrients available to plants (nitrogen, phosphorus, potassium, etc.), thereby increasing the yield.

2.7 Biosanvit-M deodorize odours, what makes it possible to withdraw the social tension of the population from nearby settlements.

3. INDICATIONS FOR USE

3.1 Complexed with bacteria of biodestructor "Biosanvit-M act at temperature of + 4 ° C to + 45 ° C. The bacteria expansion starts in 12-16 hours. The bacteria become fully active in 2-4 days. The expected effect is observed starting from 6-10 days.

3.2 The application of biodestructor Biosanvit-M is carried out periodically according to the table.

Table - Biodestructor Biosanvit-M consumption rates and method of application.

| Target species | Purpose | Application method | Consumption rate |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Livestock wastes (baths-collections, lagoons) | Neutralization reducing time and manure maturing, reducing the of dry residue volume | Uniform application to the drainage | 25 - 200 g per 1 m ³ |
| Solid fraction of sink, poultry litter | Degradation acceleration of organic compounds, enrichment with humic acids | Uniform application to the solid fraction of sink and litter as it accumulates | 50 - 70 g per 1 ton of litter |
| Preparation of a places for livestock management (including poultry). | Displacement of pathogenic microflora | Spraying bedding, feeders, walls, etc. Once a week | 150 - 200 g per 10 l of aqueous suspension, per 100 m ² of area |

3.3 Biosanvit-M can be diluted with water, periodically stirring, steep for 15-30 minutes. Add the resulting solution directly to the drains or solid fraction. Diluted solution should not be stored more than 48 hours.

3.4 If there are inhibiting substances in the drainage (disinfectants, alkalis, acids, antibiotics, etc.), the consumption rate may be increased by 2-4 times.

4. PERSONAL PREVENTIVE MEASURES

4.1 Biosanvit-M does not dangerous to people and does not cause side reactions in contact with the skin. (dermatitis, local and general temperature increase)

4.2 When handling with a biodestructor, use gloves. In case of contact with skin and mucous membranes, rinse with plenty of water.

5 CLAIMING PROCEDURE

5.1 In case of complications after the use biodestructor Biosanvit-M, its use is discontinued, and the manufacturer is immediately notified, indicating the reasons for the complaint.

6 FULL NAME OF MANUFACTURER

6.1 Stovek, LLC, Republic of Belarus, 222660, Minsk Region, Stolbtsy, Zadvoryenskaya St., 2