



SaniPit benefits from the CONSORTIUM® (microorganisms working in synergy) and BIOSMOSE® (bioaxation) processes.

SaniPit is safe for people and for the planet. It does not require hazard labelling, is GMO-free and reduces the risk of allergic reactions.

SaniPit is eco-designed for environmental sustainability. Active ingredients are derived from renewable resources, and the packaging is 100% recyclable.

BENEFITS

- ✓ Slow down and stop faecal sludge accumulation in pits
- ✓ Eliminate bad odours and flies
- ✓ Cost effective Easy to transport store

CHARACTERISTICS

Professional use, Perfume: unscented and Appearance: grey powder



COMPOSITION

The selected microorganisms are all class 1 as per the European Directive 2000/54/EC (non-modified microorganisms that are non-pathogenic to humans and the environment) Association of nutrients, minerals and trace elements

PACKAGING OPTIONS

- 4 x 1 pot: ref. 305010 (12 doses x 100g)
- 4 x 1 kg: ref. 305007
- 4 x 5 kg: ref.
- 1 x 25 kg: ref. 305009

SANIPIT CONTROLS FAECAL SLUDGE ACCUMULATION IN SEPTIC TANK AND PIT LATRINE.

Microorganisms enrich natural flora and allow good flora to develop. Lessens grease and sludge and limits the formation of foul-smelling gases, such as H₂S. Helps eliminate organic matter in septic tanks, drains and pipes, upstream and downstream.



SaniPit eliminates bad odours and flies. Ideal for hospitals

HOW TO MAXIMIZE YOUR BIOTREATMENT'S EFFECTIVENESS ?

- Do not use bactericidal two hours before and two hours after the treatment to protect **SaniPit's** active microorganisms.
- Start the bio treatment after cleaning or draining.
- Apply bio treatment on day and time with least activity.
- Follow recommended mixing and application instructions.

KEY ELEMENTS OF A COMPLETE AND EFFECTIVE BIOTREATMENT

Bio stimulation: the addition of specific nutrients to rebalance the environment and stimulate existing microorganisms.

Bio augmentation: the addition of specialized strains of microorganisms to increase the diversity of microorganisms in a biomass, expanding the biological system's overall capacity to decompose organic matter.

SaniPit'S BIOTECHNOLOGICAL PROCESSES

CONSORTIUM®

The CONSORTIUM® process combines rigorously selected strains of microorganisms, each designed to reach a specific biodegradation goal.

The microorganisms are selected based on their enzymatic impact on the targeted waste, and work synergistically to accelerate biodegradation

BIOSMOSE®

The BIOSMOSE® process combines porous mineral substrates to optimize microorganism bioaxation. This ensures that the selected microorganisms are protected and effective, even in extreme conditions. Bioaxation also blocks excessive microorganism dispersion to facilitate targeted treatments.

ODOR-FREE, LASTS LONGER

SaniPit **offers environmentally sustainable, highly effective and long-lasting biological treatment** for septic tanks.

Powered by the **CONSORTIUM®** process, which combines specially selected strains of microorganisms that work in synergy. Protected by bioaxation from the **BIOSMOSE®** process, these microorganisms activate in warm water, targeting and digesting organic matter.

Effective even when antibiotic concentrations are high and during seasonal variations.

MIXING

- Small communities <50 people / day
300 g Each week
- Medium communities 50 to 100 people / day :
500 g Each week
- Large communities > 100 people / day :
500 g per group of 100 people each week

For a restart or shock treatment: double the dose (**500 g to 1 kg per m³ of pit tank**) 100-g measuring cap provided for easier mixing.

Example: with a 3 m³ pit latrine having 50 users





1. The first day: dilute and pour 3 kg of SaniPit in the pit
2. During the 5 following days: dilute and pour in the pit 500 g/day (2,5 kg in total)
3. Since the following month, and every month, dilute and pour in the pit 25 g / person / month, which is 1,25 kg

SERVICE:

BCI can provide first support to insure full success

INSTRUCTIONS FOR USE:

Product MUST BE diluted.

1. Dilute recommended dose in a bucket of warm water (20-30°C)
 
2. Let stand for 60 minutes
 
3. Stir well
 
4. Pour into toilet
 

NB: Do not use bactericides for 2 hours before and 2 hours after.

DOSE PROPORTIONS FOR SEPTIC TANKS

Using the correct dosage is essential for best results. Doses should be calculated according to the number of users.

The table below offers a simplified formula

Minimum volume recommended	3 m ³	4 m ³	5 m ³	6 m ³	8 m ³	10 m ³	12 m ³	15 m ³	20 m ³	25 m ³
Home (number of main rooms)	5	6	7	9						
Campsites, Hotels/ School + boarding school (number of residents)	6	10	15	20	30	40	50	60	80	100
Factory, construction site, gym / school +1/2 boarding schools (number of people)	12	20	30	40	60	80	90	120	160	200
Banquet hall, store, of ce / School + day school (number of people)	18	30	45	60	90	120	135	180	240	300

DOSE PROPORTIONS FOR PIT LATRINE

SaniPit Gives all its performance in blocking the accumulation of faecal sludge, as well as the elimination of bad smells and flies, with the following conditions:

- The pit latrine must be started after 2 to 3 days, after a de-sludging service,
- The pit must be impermeable at least on the first 50cm, because the water allows the proliferation of exogenous microorganisms,
- The pit must be as ventilated as possible in order to facilitate the interaction with oxygen.

Seeding Day 1	Booster Day 2 to day 6	Maintenance Each month, since the 2 nd
1 kg per m ³ total volume of the pit	500 g / pit during 5 days	25 g /pers / month