

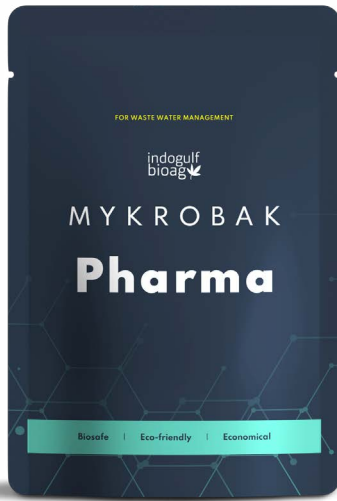
Mykrobak Pharma

What is Mykrobak Pharma?

Mykrobak Pharma consists of a wide variety naturally selected highly acclimatized bacterial consortium that is used to degrade complex pharmaceutical and organic compounds. Mykrobak Pharma is capable of sustaining & partial degradation of biodegradable solvents, antimicrobial substances, microbicides and drugs intermediated in low concentrations.

Mykrobak Pharma is a suitable strain that is isolated and fermented to perform under complex solvent, anti-bacterial, antibiotics and low organic ratio effluent. These microbes are capable to withstand high shock load that occurs due to change in production and R & D of new product development in the pharmaceutical, Nutraceuticals, Formulations, Antibiotics & Drugs, and Active Pharmaceutical ingredients.





Benefits of Mykrobak Pharma

- Degrades high COD & BOD
- Rapidly increases in MLSS & MLVSS
- Breakdowns Complex solvent and other compounds in simpler form
- Suppresses harmful bacterial growth
- Reduces plant commissioning time
- Multiple strains of bacteria
- Stabilizes shock load
- Reduces odour from plant
- Works under low BOD: COD ratio
- Improves overall efficiency of the plant
- Effective under most of the environmental condition
- Easy to store, handle and transport

Performance properties	
PH	6.5 – 7.5
Temperature	5 to 55°C
Reactivation Rate	99% After addition to water
Concentration	Highly Concentrated
Shelf Life	2 years

Physical properties	
Appearance	Off White Colour
Physical State	Powdered Form
Odour	Odourless
Moisture Content	6-7%
Mesh Size	0.6 mm
Packaging	1 kg Aluminum zip lock

Dosage Schedule

Depend upon the organic load, contaminants and volume of waste water

Area of Application

- Membrane Bio reactor
- Activated sludge Process
- Sequencing batch reactor
- Moving bed bio reactor
- Extended Aeration system

Application Matrix

1. Mix MYKROBAK 1 kg powder in 20 Liter water (Prefer normal temperature)
2. Stir well and remain in bucket for 30 minutes (for bacteria activation)
3. Directly Dose at inlet of tank

