

Mykrobak O&G



What is Mykrobak O&G?

Effective Biotechnological Tools having special and strong strains of microbes to perform highest degradative activity of oil & grease, this bacterial consortium has high affinity towards hydrocarbon related to oil and grease. This bacterial consortium has the capability to perform biodegradation of petroleum hydrocarbon and petroleum oil-contaminated environment.

The product contains different bacterial consortiums

1. Hydrocarbon reducers
2. Fermentative Bacteria
3. Fluorescent bacteria
4. Photosynthetic bacteria.
5. Hydrolytic bacteria
6. Odour control probiotics
7. Acetogenic bacteria

The microbial consortiums are capable of degrading hydrocarbon compounds and breaking them down into CO₂ and water.

This microbial consortium will survive and consume this hydrocarbon as their food source until the pollutant gets degraded. This is possible because the microbes use parts of the hydrocarbons to maintain their own metabolic process. The microbes present in our products are purely non-pathogenic and eco-friendly.

The colony count is 380×10^9 cfu/ml

Characteristics:

pH: 6.5 to 7
 Colour: brownish white to yellow
 Form: Powder

Working Conditions

It works only in the biological treatment systems

- pH ranging from 6.8 to 9.5
- Temperature from 20°C to 65°C

Benefits & Features

Initiate the formation of sustainable biomass rapidly

- Promotes biodegradation faster
- Effective and efficient to handle up to 20% of TPH
- Improve Soil & Water quality
- Reduces large quantity of organic compounds
- Safe and natural & Economical Feasible

Direction to use:

1 litre of Mykrobak O & G need to be activated with the help of 50 litres of water and hold for 30 minutes for the deactivation of preservatives.

Dosing:

It depends on the volume of waste water and oil & Grease content in the waste water