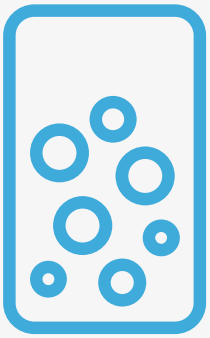
evogen
microbial products

FOG

An **Evogen Microbial** product



KEY FEATURES

A powder product containing application-specific *Bacillus* and enzymes for FOG degradation in grease traps and interceptors.

Ideal for organic rich effluents such as kitchen waste, municipal, dairy and slaughterhouse effluents.

The bacteria have diverse lipase, esterase and biosurfactant capabilities making FOG deposits more bioavailable and breaking them down into more digestible components.

Contains beneficial bacteria capable of fully degrading the common components of FOG deposits such as palmitic, stearic, oleic and linoleic fatty acids. This prevents the formation of FOG issues further downstream.

Able to improve COD, bulking and floatation issues associated with fats, oils and grease.

The enzymes within the product give immediate response whilst the *Bacillus* provide a longer sustained solution.

Reduce instances of blockages and number of call outs to maintain grease traps and interceptors.

APPLICATIONS

- FOG deposit issues in grease traps, interceptors, wet wells and lift shafts
- COD contributions from FOG in effluents
- Municipal and industrial wastewater plants
- Grease traps and interceptors
- Suited to effluents rich in organic materials

PRODUCT SPECIFICATION

Pack Size
20kg, 100kg
200g/400g water soluble sachets

Count
5E+9 CFU/g *Bacillus*

Floc
Expect SVI around or below 100

Appearance
Tan free flowing powder

Shelf life
24 month

ENVIRONMENTAL CONDITIONS

Salinity
Can be used in a wide range of water types from freshwater to seawater and above (no impact upon performance between 0 - 50 g/L)

pH
pH 5 – to pH 8.5

Temperature
10 °C – 45 °C

Effluent type
Organic rich (protein, FOG, carbohydrates containing effluents such as municipal, dairy, slaughterhouse etc.)