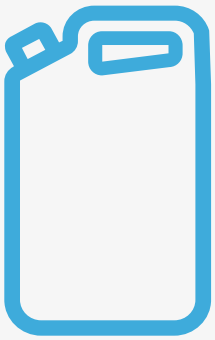
evogen
microbial products

SULPHIDE CONTROLLER

An **Evogen Microbial** product



KEY FEATURES

A liquid product designed to help combat odours associated with reduced sulphur compounds.

Contains a mixture of chemical and biological components that work synergistically to impact sulphate reducing bacteria.

The chemical component gives bacteria a better option for metabolic activities resulting in nitrogen generation instead of sulphide.

The biological component outcompetes sulphate reducing bacteria for resources and space.

Can impact the formation of biofilms upon surfaces that may harbour sulphate reducing bacteria.

The broad metabolic capability of *Bacillus* consortia able to degrade wide range of COD sources including Fats, Oils and Grease. This can help improve effluent parameters as well as tackling odours.

Can be used to improve plant performance to meet emissions directives.

APPLICATIONS

- Municipal and industrial wastewater plants
- Lagoons and ponds
- Cess and slurry pits
- Tackling sulphate reducing biofiling
- Areas suffering with anaerobic issues

PRODUCT SPECIFICATION

Pack size
20 litre
200 litre
1,000 litre

Count
1E+9 CFU/g *Bacillus*

Appearance
Tan coloured liquid

Fragrance
Fresh (eucalyptus and mint)

pH
pH 7.0 – 8.8

Shelf life
24 month (unopened)
if opened store in a cool dry place

ENVIRONMENTAL CONDITIONS

Salinity
Freshwater to seawater and above (no impact upon performance between 0 - 50 g/L)

pH
pH 5 – to pH 8.5 (Optimum between pH 6 and pH 7.5)

Temperature
10 °C – 40 °C (Optimum between 20 °C and 35 °C)

Effluent type
Organic rich effluents, (municipal, paper and pulp, dairy, bakery)