

# HYDRA HS Neutraliser



Eliminates Malodours from Septic Tanks & Cesspits



HYDRA®

## Features & Advantages

- ◆ A perfect septic tank treatment product to take care of smelly septic tanks.
- ◆ Acts on the very source of septic tank smell by introducing oxygen into the system allowing bacteria to use it and prevent the bad odour producing sulphate gases.
- ◆ Promotes natural bacteria that uses dissolved hydrogen sulphide for metabolism and hence reduces B.O.D. giving way to better waste treatment.
- ◆ Specially for Septic Tanks and Cesspits.
- ◆ Break the sulphide production chain.
- ◆ Promotes the biological action of favourable bacteria.
- ◆ Hydrogen Sulphide Neutraliser for Septic Tanks & Cess Pits.

## The Problem



In Septic Tanks, bacteria consume sulphate oxygen for organic processes. Sulphate-reducing bacteria grow in a "slime layer" that coats surfaces of the system.

These bacteria use oxygen in the most readily available form: first, from elemental oxygen; then sulphate oxygen.



The bacteria consume sulphate oxygen after depleting elemental oxygen.

If oxygen levels are reduced in the tank then bacteria feeds upon sulphate oxygen and introduces bi-sulphide ions into the cycle, these ions react with hydrogen and produce hydrogen sulphide and other sulphate gases, which give rise to septic tank odours.



## The Solution

- ◆ The introduction of Hydra HS Neutraliser into the septic tank system provides a primary oxygen source for the bacteria's use that will stop the production of sulphate gases.
- ◆ The bacteria by utilising Hydra HS Neutraliser as an oxygen source break the sulphide production chain.
- ◆ Hydra HS Neutraliser also stimulates the growth of bacteria which utilize dissolved hydrogen sulphide in their metabolism.
- ◆ Removal of dissolved hydrogen sulphide gives a reduction in BOD.



- ◆ Reduces odours and stimulates the biological activity of naturally occurring bacteria in septic tanks. This gives better functioning septic tank.
- ◆ If you are getting bad smells from your septic tank this is the product to use.
- ◆ Packed in 1 and 5 kilo containers with measuring spoon.

## How To Use

Available in 1 kg and 5 kg containers. Measuring spoon included in each pack.

- ◆ Add 45 grams (equivalent to 1 heaped spoon provided with the pack) of Hydra HS Neutraliser every week to fix septic tank smell.
- ◆ To treat vary bad smell use 4-8 heaped spoons to begin with.

Introduce the product in the system via toilet bowl or add directly in to the septic tank.



## Laboratory Facilities

Hydra International Ltd.'s Research & Development Laboratories are a hub of activity where new products are developed and formulated. We have working relationships with our raw material suppliers, many of these suppliers are major world-wide chemical manufacturers with their own development laboratories.

As a company we are well known in the chemical industry for being receptive to cutting edge new chemicals which can be incorporated into our products to achieve performance advantages. An important part of the International Standards that we hold is that of constant improvement. We show that we have achieved this at every independent audit.



## Hydra International Limited

8 Carters Lane, Kiln Farm, Milton Keynes MK11 3ER, U.K.

+44 (0)1908-265889 | [sales@hydra-int.com](mailto:sales@hydra-int.com)

[www.hydra-int.com](http://www.hydra-int.com)

