

SLAUGHTERHOUSE

Biological Remediation



PREAMBLE:

Slaughterhouses faces many challenges in terms of hygiene, blocked drains, chemicals use and environmental compliance.

Fat trap maintenance and floor drains are all part of the slaughterhouse daily routine, plus the presence of offensive odours. In such environment **Ergofito's** beneficial biology plays a pivotal role.

Simple and safe to apply it address the above problems swiftly and in full compliance with municipal environmental specifications.

www.advalli.com

Please direct any queries to: cheyne@advalli.com/ [+27 82 678 0070](tel:+27826780070)



APPLICATION PROTOCOL:

There are two products used in slaughter houses remediation:

1: **Ergofito EcoFlush 10-10-5**

2: **Ergofito Ammonfree**

FLOOR APPLICATION:

1: Mix **Ergofito EcoFlush 10-10-5** with water at a 4% dilution. Shake the **Ergofito** canister well prior to usage.

Application example:

You will need to know the area in square meters to calculate the amount of **Ergofito Eco-Flush 10-10-5** to be applied.

If your total area to spray is 200 m² which includes the walls and the mechanical side like hooks etc.

1: The **Ergofito Mixture** is applied at 350ml per m².

Therefore 0,35 liters X 200m² = 70 liters of water.

At a 4% dilution you will need 2,8Kg of **Ergofito EcoFlush 10-10-5**.

2: Once the above mix is ready, let it stand for 1 hour prior to application to allow the mixture to activate.

3: **Ergofito Mixture** can be applied with existing foaming machines. Alternatively, you can use a water pump and hose pipe.

4: Let the **Ergofito Mixture** remain on the floor for five minutes, then rinse away with clean water.



EXTERNAL FAT TRAPS:

The product to be used for the fat traps is **Ergofito Ammonfree**.

In order to size the fat trap to the amount of product required, measure the fat trap in m², then multiply by 10 litres of water plus 500 grams of **Ergofito Ammonfree**.

Application example:

If the abattoir fat trap is 6m².

Then you will require 6 X 0,5 Kg = 3Kg of **Ergofito Ammonfree**.

Diluted in 6m² X 10 liters = 60 liters of water.

- 1: Mix the above Ergofito Ammonfree with the required water.
- 2: Let it stand for 1 hour to activate.
- 3: With the bucket (or buckets) pour uniformly part of the above **Ergofito Mixture** into the fat trap
- 4: Keep some above **Ergofito Mixture** and wet the side walls and lid of the fat trap as well as the entire internal surface of the fat trap
- 5: Pour some of the above **Ergofito Mixture** down the output drain of the fat in the trap.
- 6: Smell will disappear within a few minutes.
- 7: Check the following day, most of the fat should be decomposed. There should be no smell.



After the above applications there should be no more direct applications required to the fat trap as one application is sufficient.

The **Ergofito EcoFlush 10-10-5** coming from the floor/wall washing will be sufficient to keep the fat trap clean.

CONCLUSION:

With **Ergofito** natural bio products as described above, it will deep clean the floors, walls and equipment safely.

Ergofito will eliminate all pathogens without the need of harsh chemicals.