



Superior Solutions

BIO TREATMENTS FOR WASTE WATER

Providing Water Treatment technologies
and products for over seventy years



Water Treatment

THE PROBLEM

The blocking of **DRAIN CHANNELS** can cause serious inconvenience both in civil and industrial environments, and is generally caused by:

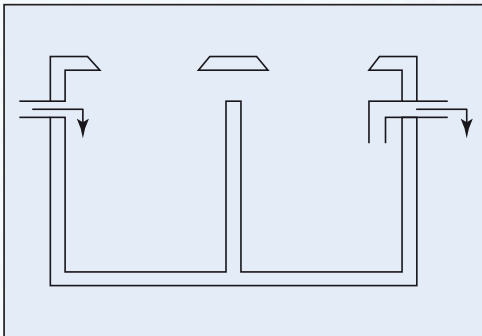
- Detergents, fats and food residue (drains in kitchens and food industry).
- Soap, hair and dead skin (drains in sinks, showers and bathrooms).
- Toilet paper and sewage (toilets).

Resolving these problems usually requires mechanical intervention, which can be expensive.

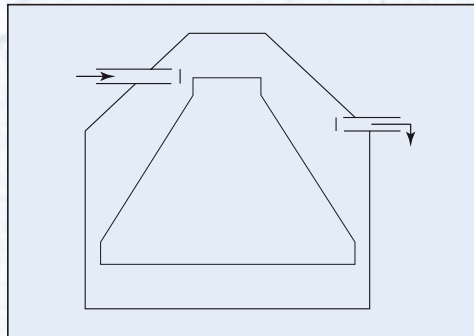
However, with **BIOLOGICAL WASTE WATER SYSTEMS** the focus is on the introduction or intensification of bacterial activity in:

- **Septic or biological tanks** – The first tank on the left holds the solid elements on the bottom. Floating particles rise to the surface, and purified water exits from the elbow on the right.
- **Imhof tanks** – The solid elements are held on the bottom and the floating particles are held by the central bell structure.
- **Trap tanks** (fat separation) – The first tank holds the solid elements, the fat accumulates on the surfaces of the first two tanks and the third tank contains the purified water.
- **Septic tanks or dry wells** – The solid elements sink to the bottom. Floating particles rise to the surface, and purified water exits the porous bottom.

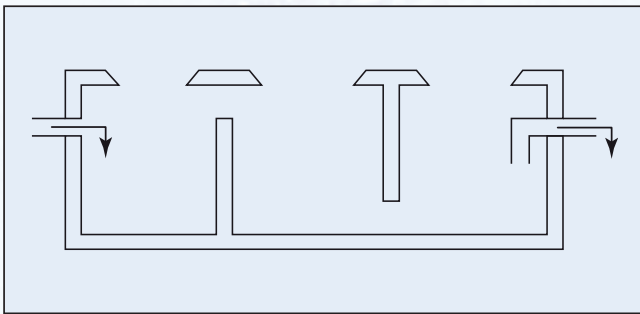
Septic or biological tanks



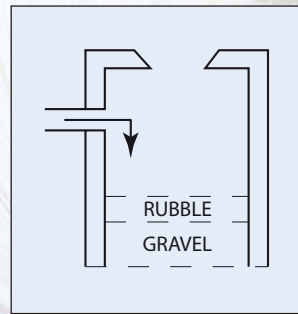
Imhof tanks



Trap tanks



Rubble - Gravel dry wells or septic tanks



THE ZEP SOLUTION

Bio-activators exploit the ability of certain micro-organisms (bacteria) to break down organic waste from waste water and surfaces rapidly, completely and without producing unpleasant odours.

Depending on the method of application, you can choose **liquid products** designed for medium- and large-scale systems which require frequent and constant automatic application, or **powder products** suitable for small-scale systems where automatic liquid application is not possible.



LIQUID PRODUCTS

CanazimForte

Bacterial base for the preventive maintenance of drains, pipes, septic tanks and grease traps

The selected bacteria biologically digest residues of fats, oils and organic materials, preventing the formation of build-up and unpleasant odours. The product does not contain corrosive substances that could damage drains.

Bacteria based concentrate for the preventive maintenance of drains, pipes, septic tanks and grease traps

The selected bacteria biologically digest residues of fats, oils and organic materials, preventing the formation of build-up and unpleasant odours. The product does not contain corrosive substances that could damage drains.

POWDER PRODUCTS

ZEP-BioZYME



A highly concentrated bacteria/enzyme-based powder used for the maintenance and cleaning of drains, pipes, septic tanks and grease traps
Continuous usage of Zep-Bio-Zyme prevents blockages. The effervescent formula facilitates product dissolving, making bacteria available immediately.

BioBAGS



Concentrated bacteria/enzyme-based powder in WATER SOLUBLE SACHETS used for the maintenance and cleaning of drains, pipes, septic tanks and grease traps

Continuous usage of Bio Bags prevents blockages. The water-soluble packaging provides safe and convenient application of the product.

BioMICROTABS



Tablets consisting of selected free enzymes and bacteria, specially designed to metabolise organic substances

The product is suitable for all drain systems, toilets, piping and traps. The convenient micro-tab form guarantees ease and speed of use.



With over 70 years experience in the international market and 1,000,000 customers served, Zep is a worldwide leader in maintenance chemicals.

Every year Zep invests in the R&D of new products and equipment in order to deliver state-of-the-art, environmentally friendly solutions geared to any aspect of maintenance.

The Zep sales reps, together with our technical department constantly provide professional, personalized assistance to our customers, guaranteeing tailored solutions to the different maintenance needs.



INDUSTRY

**Specialty chemicals
for industrial maintenance**

WATER TREATMENT

**Products and systems for closed circuits,
cooling towers and steam generators**

FOOD & BEVERAGE

**Hygiene and sanitation products
for the food industry, HACCP**

INSTITUTIONAL

**Products and systems for maintenance
needs of hotels and communities**

PROFESSIONAL CLEANING & MAINTENANCE

**Cleaning and maintenance solutions
for professional use**

PAPER AND CONSUMABLES

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