

Zebec Biologicals

Z-BIO IFP100

Odour Control for the 21st Century

Z-BIO IFP100, an innovative development for odour control in household, institutional, commercial and industrial areas, provides a powerful combination of:

- *A fast-Acting Neutralizer for Immediate Odour Relief*
- *Selectively-Adapted Bacteria for Degradation of Malodorous Organic Compounds*
- *Proprietary Ingredients which Stimulate Microbial Activity*



Z-BIO IFP100 is active against an array of sulphur- and nitrogen- containing compounds usually associated with waste odour problems, including amines, ammonia, mercaptans, and hydrogen sulphide.

The accelerated biodegradation of odorous organic compounds is enhanced by the selectively-adapted strains found in **Z-BIO IFP100**, and is assisted by specially formulated microbial growth stimulating ingredients.

Z-BIO IFP100 eradicates odours by attacking and degrading the organic source of odour.

APPLICATIONS IN HOTELS & RESTAURANTS

Z-BIO IFP100 is a specialized bacterial formulation designed to provide excellent performance for the following applications:

- *Smoking Odours in Hotel Bedrooms*
- *Kitchen Odours*
- *Garbage Collection Areas*
- *Public Toilets & Restrooms*
- *Waste Collection Areas*
- *Flood and Fire Odours*

Z-BIO IFP100 is a radically new approach to the problem of smoking odours in hotel bedrooms, by acting directly on the products of smoking that have impregnated the fabrics (curtains, chairs etc) in the room.

Zebec Systems Limited

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OTHER INDUSTRIAL APPLICATIONS

Z-BIO IFP100 is a specialized bacterial formulation designed to provide excellent performance for the following applications:

- *Animal Containment Areas*
- *Pet care*
- *Garbage Collection Areas*
- *Sludge Thickening Operations*
- *Sludge Drying Beds*
- *Sludge Hauling Containers*
- *Poultry/Dairy/Pig*
- *Landfills*
- *Compost*
- *Food Processing*

BENEFITS

Z-BIO IFP100 rapidly neutralizes or eliminates odours without relying on the use of masking agents or hazardous chemical oxidizers.

- Selectively-adapted bacteria reduce or eliminate odour by degrading volatile amines and mercaptans.
- A proprietary biological stimulant enhances the activity of **ZEBEC** Bacteria, as well as indigenous strains, resulting in higher rates of degradation.
- Rapid *and* long-term effect
- Long shelf-life

DOSING

The Z-BIO IFP100 Liquid formulation can be sprayed full strength or diluted as required. The liquid may be sprayed manually or with automatic dosing, spraying or fogging systems.

Optimum Conditions for Use :

Bacteria in **ZEBEC** products perform best within a pH range of 6.0-9.0, with the optimum typically near 7.0. The product is effective at room temperature. Lower activity can be expected below 5°C.

CHARACTERISTICS

Stability :	2 years
Odour :	herbal
Specific gravity :	0.95 – 1.1
pH :	6,0 - 7,5
Appearance :	Slightly opaque to transparent Liquid. Settled bacterial spores may appear as a fine whitish residue

Available Packaging : 25 litre and 1000 litre containers

STORAGE & HANDLING:

- Store in a cool dark place
- Avoid eye contact
- Do not ingest
- Wash hands thoroughly with warm soapy water after handling