



# RAPITANT™

RDG1 // RDG5

Cleans | Disinfects | Deodorises

BioSafe



IITM **PRAVARTAK**  
CATALYSING INNOVATION

## ACTIVE ODOUR NEUTRALISATION FOR HIGH-WASTE ENVIRONMENTS

DISINFECTS | DECONTAMINATES | DEODORISES

10 Seconds Immediate Action  
Eliminates Bacteria On Contact

MUST FOR:

- Municipal garbage bins
- Waste compactors
- Garbage collection vehicles
- Dump yards and transfer stations
- Community waste storage zones
- Food market waste areas

Compatible with spray, misting, or fogging systems

Allows efficient application across large waste areas and waste-handling infrastructure.



### › PRIMARY FUNCTION

#### Active Odour Neutralisation for High-Waste Environments

Garbage collection points, transfer stations, waste storage areas, waste segregation stations and garbage transport vehicles are major sources of persistent foul odours due to the decomposition of organic waste. When biodegradable waste such as food residue, plant matter, paper, and other organic materials breaks down, especially in low-oxygen (anaerobic) conditions, it generates gases including methane (CH<sub>4</sub>), ammonia (NH<sub>3</sub>), hydrogen sulphide (H<sub>2</sub>S), mercaptans, amines, and volatile organic compounds (VOCs).

In addition these gases contributing to poor hygiene perception, methane is also a potent greenhouse gas and can accumulate in enclosed waste environments.

RAPITANT BioSafe provides an advanced solution for waste-related odour problems by neutralising odour-causing molecules at the source, rather than masking them with fragrances. The technology chemically binds with key odour-forming compounds that are generated during waste decomposition — particularly sulphur compounds, ammonia, amines, and organic acids — converting them into stable, odourless molecules.

RAPITANT BioSafe neutralises these gases as they are released by the collected waste, resulting in longer-lasting odour control and improved sanitation conditions in waste handling environments.

### › PERFECT FOR USE IN

- > Waste compactors
- > Garbage Collection Vehicles
- > Garbage Collection Sites
- > Garbage Segregation Sites
- > Open Drainage Systems
- > Municipal garbage bins

### HOW DOES RAPITANT BioSafe WORK

- > Spray and in 10 Seconds the Odours dissipated.
- > Dilute in 1:10 ration - 100 ml of concentrate with 1 Litre of water | Spray in & Around :
- > Garbage Vehicles
- > Garbage collection dumps
- > Open drains
- > Surfaces and walls
- > Repeat as needed