

BIO-ENZYME & COMMERCIAL ODOR CONTROL · NON-CORROSIVE ALUMINUM FIN & DUCT FORMULA

HVAC Duct & Coil Disinfectant Deodorizer

Coil-safe antimicrobial deodorizer for commercial HVAC air handlers, evaporator fins, condensate pans, and supply ductwork.

PATHWAY **Biofilm + Musty MVOCs → Coil-Safe Sanitation**

TECHNICAL SPECIFICATIONS & OPERATING PARAMETERS

Factory QC Standard · Verified Batch Parameters

Target Contaminants	Evaporator biofilm, mold spores, bacterial slime, Geosmin / MIB musty MVOCs
Metal Compatibility	Safe on bare aluminum, hydrophilic coated fins, copper, galvanized steel
pH & Flash Point	pH 6.8 – 7.4; non-flammable, non-foaming aqueous liquid
Recommended Dosage	20 – 30 ml/m ² coil surface or 5 – 8 ml/m ³ duct volume
Packaging	1L / 5L / 20L / 25L / 200L B2B containers
Product Grade	Hospitality, Healthcare & Commercial Facility Grade
Specific Gravity / Density	1.00 - 1.02 g/cm ³ (20 °C)
Flash Point & VOC Content	Non-flammable (>100 °C) · VOC: < 8 g/L (Biodegradable surfactant system)
Application Method	Low-pressure coil sprayer on fins + ULV fogging into supply/return ductwork
Transport & Customs HS Code	Non-Dangerous Goods (Non-DG for Sea/Air) · HS 3307.49.0000
Quality & Test Compliance	GB/T 18801 / ASTM E544 Odor Threshold & Ammonia Abatement (≥ 96.2% ammonia, amine & sulfide neutralization in 60 min)