

FUMELITE

OPP



Innovative Dry Smoke Disinfectant for Comprehensive Hygiene

PRODUCT OVERVIEW

FUMELITE OPP is a state-of-the-art disinfectant smoke generator designed to deliver unparalleled microbial control in enclosed environments. Its advanced formulation ensures uniform diffusion, effectively targeting and eliminating a wide spectrum of pathogens, including bacteria, fungi, yeasts, and viruses. This product is an ideal solution for secondary disinfection in agricultural, industrial, and storage facilities, replacing traditional formaldehyde fumigation with a safer and more efficient alternative.

RESPONSIBLE CHOICE

FEATURES & BENEFITS

Broad-Spectrum Efficacy:

Demonstrated effectiveness against key pathogens, including:

- Bacteria: Salmonella, Listeria, Enterococcus, Pseudomonas, Staphylococcus.
- Fungi: Aspergillus and other molds.
- Viruses: Avian Influenza Virus (H9N2), Newcastle Disease Virus, Infectious Bursal Disease Virus.

Uniform Diffusion: The smoke disperses evenly, ensuring comprehensive disinfection of all surfaces and airspaces.

Dry Application: No water required, making it ideal for moisture-sensitive environments.

Safe and Non-Corrosive: Does not damage equipment, surfaces, or structures.

Convenient and Efficient: Quick and easy application process with minimal labor requirements.

Eco-Friendly Alternative: Replaces formaldehyde-based fumigation with a safer, environmentally friendly option.



+962 2 7552916



Info@elitechemy.com

Elite Chemical
Industries Co. Ltd.
Jordan



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RECOMMENDED USAGE

Primary Applications :

Animal breeding and feedstuffs industry

- Poultry housing and hatcheries.
- Feed silos and storage areas.
- Incubators and livestock facilities.
- Agricultural warehouses and equipment.

Usage Protocols

Ultra Diffusion Treatment:

- Purpose: Secondary disinfection 24–48 hours before animal arrival.

Optimal Conditions:

Temperature: >9°C.

Humidity: 50–80%.

Contact Time: 15 hours.

Contamination Management:

- Effective in addressing suspected contamination with pathogens such as Salmonella and Aspergillus.
- Ideal for outbreak response or routine hygiene maintenance.

PRODUCT DETAILS

Active Ingredient

Biphenyl-2-ol (OPP)

Orthophenylphenol

Concentration

30%

Tin Size	Coverage Area (m ³)	Intended Use
40g	75–150	Small rooms, equipment disinfection or hatcheries.
160g	300–600	Large poultry housing or industrial facilities.
750g	1400–2800	Very large facilities and warehouses.

APPLICATION INSTRUCTIONS

Preparation:

- Seal the treatment area to ensure optimal smoke containment.
- Remove all animals, feed, and water from the area.
- Ensure the area is clean and free of organic debris for maximum efficacy.

Application:

- Select the appropriate tin size based on the volume of the area to be treated.
- Place the tin on a heat-resistant surface in the center of the treatment area.
- Ignite the wick and immediately exit the area.

Post-Treatment:

- Allow the smoke to diffuse and act for the specified contact time.
- After the treatment period, ventilate the area thoroughly before re-entry.

Safety Precautions:

- Ensure no humans or animals are present during application.
- Use personal protective equipment (PPE) when handling the product.

SAFETY INFORMATION

Operator Safety:

Always wear gloves, protective eyewear, and a mask during handling and application.

Storage:

Store in a cool, dry place away from direct sunlight and ignition sources.

Keep out of reach of children and unauthorized personnel.

Disposal:

Dispose of used containers and residues in accordance with local regulations.

First Aid Measures:

- In case of skin contact, wash with soap and water.
- If inhaled, move to fresh air and seek medical attention if symptoms persist.
- In case of eye contact, rinse immediately with plenty of water and consult a physician.

COMPLIANCE & REGULATORY INFORMATION

Regulatory Approvals:

- Complies with international biocide regulations for use in livestock premises disinfection (PT03) and storage of livestock feed (PT04).

Environmental Impact:

- Designed to minimize environmental impact with biodegradable components.



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