



**DEFENDER**



**LodiUK**

# OPP DISINFECTANT SMOKE



## PROTECT FROM PATHOGENS, DEFEND AGAINST DISEASE

### PRODUCT

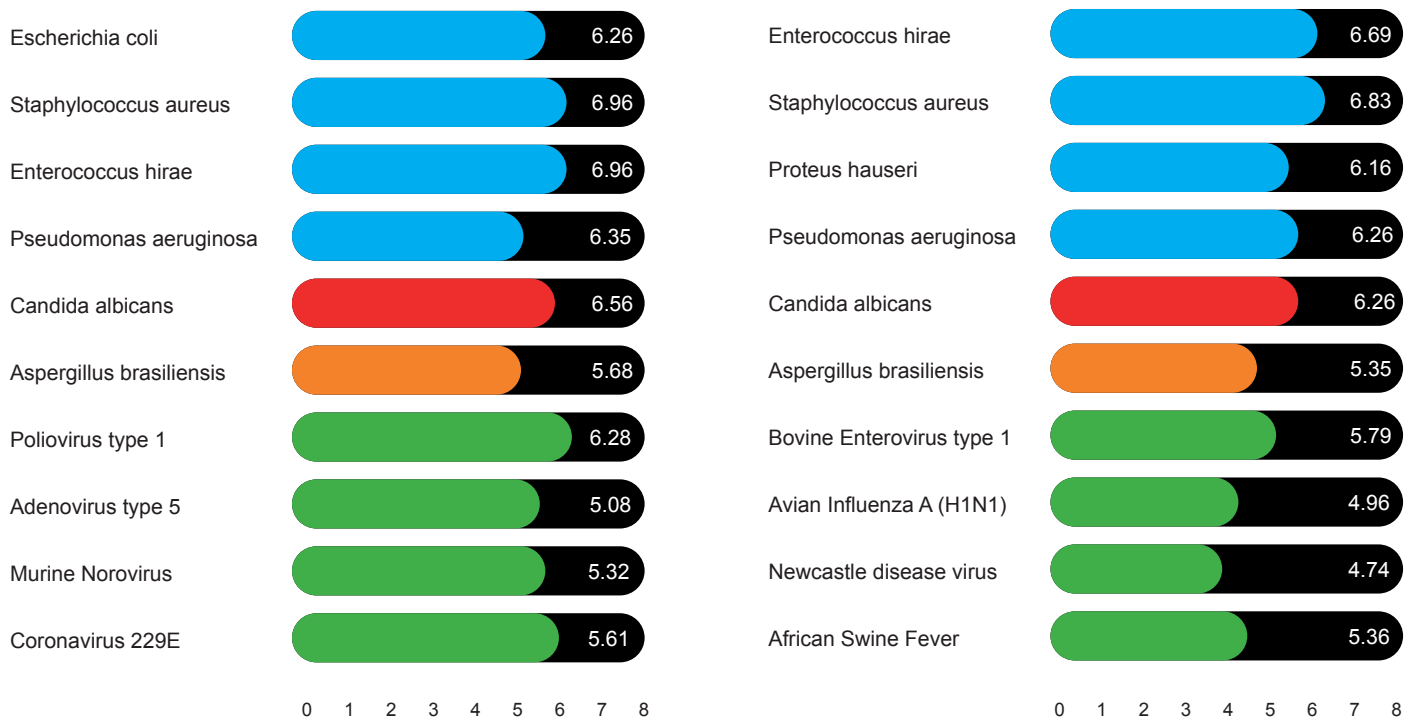
- Defender OPP is a bacterial, fungicidal and virucidal disinfectant containing OrthoPhenylPhenol (30%).
- Aerial and surface disinfectant for use in domestic, agricultural, commercial and industrial premises.
- Does what it says on the tin!



### ADVANTAGES

- ✓ Low residue level
- ✓ Quick, easy to use application
- ✓ Dry disinfectant - no corrosion risk
- ✓ Pre-dosed 250g tins with uniform dispersion
- ✓ Safe for operators with limited exposure
- ✓ Lower quantities of biocide are required than to spray the same area

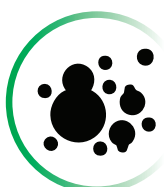
## DEFENDER OPP EFFICACY



● bacteria ● moulds ● virus ● yeast



**BACTERIA**



**MOULD**



**VIRUSES**



**YEAST**





## ANIMAL HEALTH

### Farms | Animal Breeding Facilities | Kennels | Poultry Sheds | Hatcheries

A rigorous and effective disinfection programme vital on all farms where animals and livestock are present. Defender OPP is a powerful biocide smoke that disinfects all surfaces and reduces airborne and hidden contamination sources.

Optimise your disinfection during these vital stages with Defender OPP.



#### 1 Animal Removal

Carry out clearance of animals and litter.

#### 2 Cleaning Operations

Follow extensive clean/wash down and disinfection process.



#### 3 Disinfect with Defender OPP

Replace equipment and litter and fumigate with Defender OPP. Pre-dosed tins ensure uniform dispersion, are easy to use and can be safely handled using standard personal protection.



#### 4 Animal arrival

15 hours after dry disinfection has been accomplished using Defender OPP.

## HATCHERIES



Egg delivery room and storage (before eggs arrive)



Hatching rooms and incubation areas (when emptied for cleaning)



All transfer areas including vaccinations rooms (before eggs arrive)

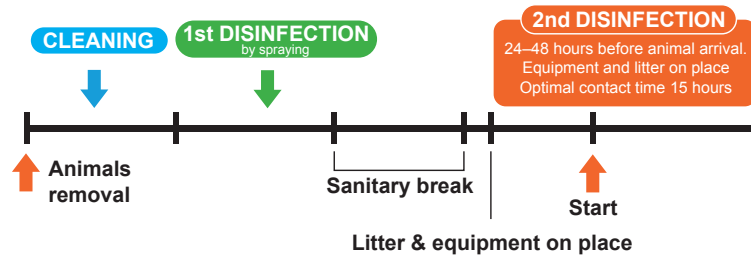


Hatching areas (when emptied for cleaning)



Chick sorting areas (before chicks arrive/ after use)

## POULTRY SHEDS



Size (Grams)	Active Ingredient (Grams)	Coverage (m <sup>3</sup> )
250g	75.0 active	250m <sup>3</sup>

# OPP

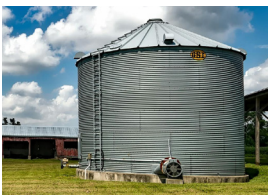
DISINFECTANT  
SMOKE



## STORAGE AREAS

Reaping the rewards of valuable grain from a successful harvest is only achievable when the right preparation procedures are put in place. Use Defender OPP to disinfectant empty storage areas - shield your stock, strengthen your defence and win the war on disease.

### Silos



- Disinfection of storage and production areas eliminates substantial microbial contamination and is an important stage in a disinfection programme.

### Feed Mills



- Silos, feed mills, machinery and vehicles must all be regularly cleaned and disinfected to ensure optimum hygiene and safety.

### Machinery



### Transport



- Defender OPP is a non-corrosive dry disinfectant and effectively treats inaccessible areas such as roofs, cracks, crevices and machinery ensuring a thorough treatment.



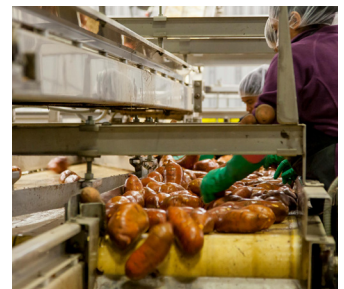
## FOOD INDUSTRY

Disinfection with Defender OPP (in empty enclosed areas) throughout the food chain, from primary production to sale or supply to the food consumer, is an efficient method of controlling biocontamination and fighting against pathogenic organisms.

### Storage areas



### Food and beverage production



### Food processing areas



### Cold Rooms



### Distribution



# OPP

DISINFECTANT  
SMOKE



## PUBLIC HEALTH

A major danger to health of a property and its inhabitants is mould growth. Most properties have mould in some form or other - often hidden behind surface finishes, in voids and within stud partitions. Treat mould and associated spores with Defenfer OPP.

### Hotels, Public Baths, Sauna, Pools, Gyms



### Municipal buildings, Schools, Libraries, Theatres, Cinemas



### Offices, Private Houses



## BENEFITS

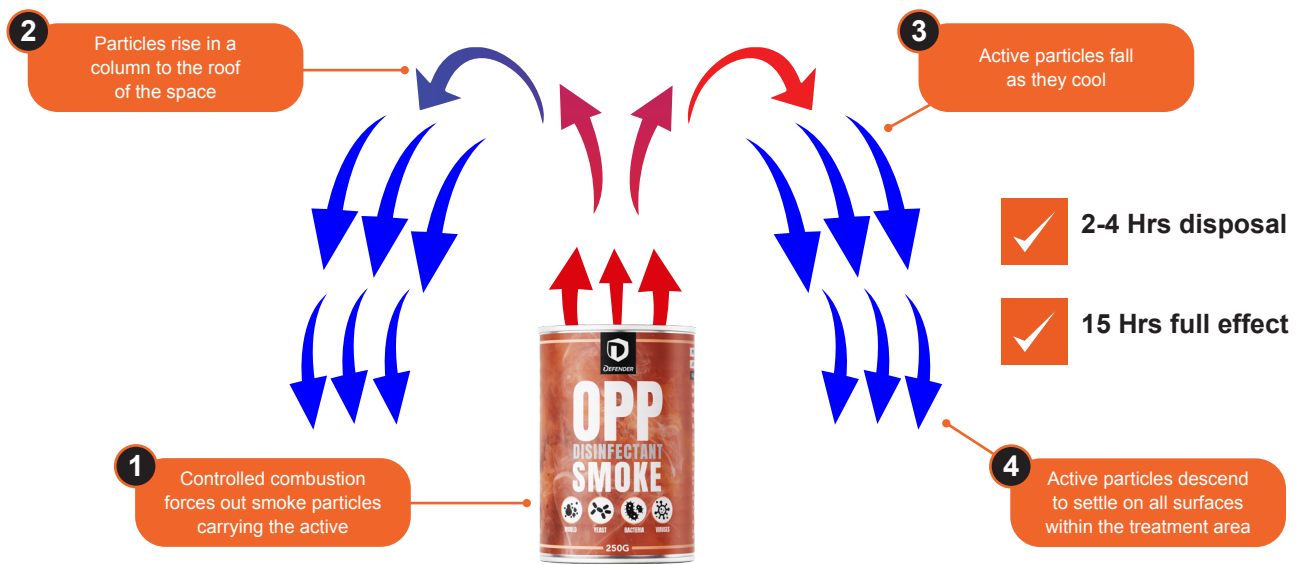
- ✓ Proven efficacy against major pathogens.
- ✓ Aerial and surface disinfection.
- ✓ Ready-to-use - no mixing or equipment required.
- ✓ Self-contained and pre-dosed tins for uniform dispersion.
- ✓ Reaches inaccessible areas for thorough treatment.
- ✓ Low operator and animal exposure.
- ✓ Low groundwater contamination - low environmental impact.
- ✓ Reduces disinfecting handling costs.
- ✓ Dispersion with minimal chemical use and optimal results.
- ✓ Control the risk of cross contamination of surfaces and equipment



## DEFENDER OPP - SAFE & SUSTAINABLE DISINFECTION

Defender OPP Smoke enables uniform, very high density diffusion in the whole volume of the room to be treated, including hard-to-access zones, with precise dose adjustment.

Defender OPP Smoke offers a favourable alternative to other methods, without compromising on efficacy.



### SMOKE IT, SHIELD IT



**1** OPEN THE CANISTER AND PLACE IT ON A HEAT RESISTANCE SURFACE



**2** SLOWLY LIGHT THE WICK



**3** THE ACTIVE SUBSTANCE RISES UP, LEAVING THE OPERATOR TIME TO EXIT THE ROOM. IT IS PROPELLED BY A SLOW, NON-PYROTECHNIC COMBUSTION

### BENEFITS

- Efficient:** Homogeneous dispersion & optimal particle size allowing dispersion to hard to reach zones and traces of active allow to prolong disinfecting activity.
- Versatile & Cost Effective:** Ready to use, no water required & precise dose adaption according to the volume to be treated.
- Safe:** Operator not required in room during process, no observed corrosion.