




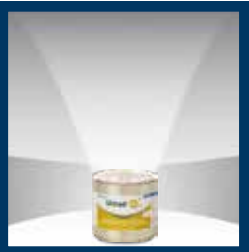


## ULTRADIFFUSION "State of the art technology you can trust"

ULTRADIFFUSION® is a non-pyrotechnic, slow combustion technology diffusing active substance in the air thanks to a thermokinetic effect.

ULTRADIFFUSION® 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.





ULTRADIFFUSION® offers a favourable alternative to other methods, without compromising efficacy.

### APPLICATION IN SURFACE DISINFECTION – MODE OF ACTION

<b>1 EMISSION</b>		<b>2 DISPERSAL</b>		<b>3 EXPANSION</b>		<b>4 SEDIMENTATION</b>	
	<i>The active substance rises up leaving the operator time to exit the room. It is propelled by slow, non-pyrotechnic combustion.</i>		<i>The active substance gradually disperses in the whole volume of the room, starting with the ceiling.</i>		<i>In less than an hour, several billion components reach into the deepest nooks and crannies and come into contact with any micro-organisms that are present.</i>		<i>After 4h to 8h the components have sedimented.</i>

### SIMPLE & EASY-TO-USE:

A 4 STEP PROCESS

<b>1</b> 	<b>2</b> 	<b>3</b> 	<b>4</b> 
FLIP OVER THE TIN SEVERAL TIMES	OPEN THE CANISTER AND PLACE IT ON A HEAT RESISTANCE SURFACE	SLOWLY LIGHT THE WICK PLACE THE PERFORATED COVER ON THE TIN WHEN APPLICABLE	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 substance allows a prolonged disinfecting activity.
- Versatile & Cost Effective:** Ready to use, no water required & precise dose adaption according to the volume to be treated.
- Reliable:** Slow and non-pyrotechnic wick, operator not required in room during process, no observed corrosion on steel and aluminium.

Use biocides safely. Always read the label and product information before use. Dangerous. Comply with precautions for use.

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For more information please contact us over the contact form on our website or at [contact@kersia-group.com](mailto:contact@kersia-group.com)

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Beverage  
INDUSTRY



*Ultradiffusion*  
*State of the art technology*  
*you can trust*



## THE RESPONSIBLE CHOICE FOR DRY DISINFECTION

Use ULTRAD HA in your beverage industry to avoid cross contamination, improve bottles appearance and global brand image and maintain a safe work environment for operators.

### PRODUCT

- Proven broad spectrum disinfectant based on Hydroxyacetic acid (HA)
- Dispersion by ULTRADIFFUSION<sup>®</sup>: Unique technology which offers uniform diffusion
- Fully compliant with EU biocidal regulations
- Dry disinfection - no water needed

### ADVANTAGES

- Proven bactericidal and fungicidal efficacy at a dose of 0.8 g/m<sup>3</sup> and virucidal efficacy at a dose of 1.2 g/m<sup>3</sup>.
- Uniform diffusion of the disinfectant throughout the room, including hard to reach areas
- Convenient, fast and reliable application
- Slow and non-pyrotechnic wick - no human or animal present during treatment
- Versatile and cost effective
- No observed corrosion on steel and aluminium



## Ultrad HA efficacy

### BACTERIA & FUNGUS

Dosage 0.8 g/m<sup>3</sup> - Contact time 15 hours

According to NFT 72 281 Standard

- *Enterococcus hirae*
- *Escherichia coli*
- *Cronobacter sakasakil*
- *Listeria monocytogenes*
- *Proteus vulgaris*
- *Pseudomonas aeruginosa*
- *Salmonella enterica* (*ssp. enterica serotype choleraesuis*)
- *Salmonella Heidelberg*
- *Staphylococcus aureus*
- *Aspergillus brasiliensis*
- *Aspergillus flavus*
- *Aspergillus fumigatus*
- *Candida albicans*
- *Eurotium repens*

### VIRUS

Dosage 1.2 g/m<sup>3</sup> - Contact time 15 hours

According to NFT 72 281 Standard

- *Bovine type 1 enterovirus (ECBO)*

According to EN 17272 Standard

- *Porcine Parvovirus*
- *Adenovirus Type 5*
- *Murine norovirus*
- *Human Coronavirus E229*

## APPLICATION 1: DISINFECTION OF MALT STORAGE SILOS / TRUCKS

### PURPOSE:

- Surface disinfection: prevention of bacteria, fungus and mycotoxin contamination

### WHEN:

- After routine cleaning

### INSTRUCTIONS OF USE:

- Temperature: ambient
- Contact time: overnight, in empty silos
- Humidity rate: optimal over 70%RH



## APPLICATION 2: CELLARS OR PRODUCTION AREAS WITH MOLD ISSUES

### PURPOSE:

- General surface hygiene outside the silos, in cellars
- Warm rooms for refermentation in bottles
- Storage rooms

### WHEN:

- Depending on contamination (preventive or curative treatment)



### Pre-Dosed tins:

20g - 40g  
80g - 200g  
400g - 1000g

