

VULKAN® AIR

Biosecurity solutions



Keep your animal housing free from pathogens

VULKAN® AIR
Biosecurity solutions

Surface disinfectant
Bactericidal, yeasticidal and virucidal

PT2, PT3 and PT4 Biocides for professional use only

Soluble liquid concentrate containing

- Didecylmethylammonium chloride (CAS 5179-93-1) 15 g/L
- Alkyltrimethylammonium chloride (CAS 9424-95) 80 g/L
- Glutaraldehyde (CAS 111-50-8) 150 g/L

Application rates and efficacy

PT2 - by spraying or soaking

Spectrum	Dose	Concentration	Standard
Bactericidal	0,50%	(1/200)	EN 15459*
Yeasticidal	0,50%	(1/200)	EN 16439**
Virucidal	0,50%	(1/200)	EN 16439**

PT2 and PT4 - by spraying or soaking

Spectrum	Dose	Concentration	Standard
Bactericidal	0,50%	(1/200)	EN 15459*
Yeasticidal	0,50%	(1/200)	EN 16439**

Cold reneutralisation or thermoneutralisation

Spectrum	Dose	Concentration	Standard
Bactericidal	0,75 ml/m ²		EN 17272†
Yeasticidal	0,75 ml/m ²		EN 17272†
Virucidal	0,75 ml/m ²		EN 17272†

Instructions

- Use Vulkan® Air at each decontamination period.
- 1st disinfection by spraying**
 - Prepare a solution of Vulkan® Air in water at 0,8% (1/125).
 - Spray 200 to 300 ml/m² of the solution with a low pressure or automatic sprayer on cleaned surfaces.
 - Leave for 30 minutes. Ex. per 1000 m² of surface area, use 2 L of Vulkan® Air for 200 L of solution. The formulation of Vulkan® Air allows it to be applied with foam generators.
- 2nd disinfection**
 - Volume disinfection by thermoneutralisation use 1,0 ml of pure Vulkan® Air per m², or 5,0 L of Vulkan® Air per m², or 0,70 L of Vulkan® Air for 300 m². Leave for 4 hours.
 - Cold reneutralisation use 1,0 ml of pure Vulkan® Air per m², or 0,70 L of Vulkan® Air for 300 m². Leave for 4 hours.
 - Soaking the material: Prepare a solution of Vulkan® Air in water at 0,8% (1/125). Leave the clean material to soak in the solution for a minimum of 30 minutes.
 - Soak and then rinse. Use Vulkan® Air at 0,8% (1/125). Replace solution 1 to 2 times a week depending on organic matter load.

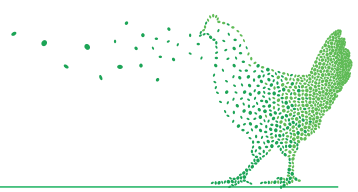
Precautions for use

- After application on surfaces in contact with foodstuffs, it is mandatory to rinse surfaces with drinking water.
- Do not apply the product in its pure form. Clean application equipment with water.
- Use precautions for thermo neutralisation / reneutralisation: room must be closed without any animal or human presence, maximum sealing must be sought. Treat from the entrance door of the building or from the inside (it is mandatory to wear a respiratory device for a hour) by blocking access. At the end of the treatment, ventilate the building for at least 2 hours before any animal or human entry.
- Optimal application conditions: temperature > 18°C and relative humidity > 50%.

USE BIOCIDES WITH CAUTION. READ THE SAFETY DATA SHEET AND/OR THE LABEL BEFORE ANY USE.

HUVEPHARMA SA
54 rue Jean Monnet - Z.I. d'Étriché - Segré - 49500 Segré-en-Anjou Bleu - France
T +33 (0)2 41 92 11 11 - info.france@huvepharma.com

HUVEPHARMA



Contrôle Ecocert SA F-32600
Can be used in organic farming according to European regulation EC 834/2007 in food and plant industry



DEFRA APPROVED BROAD SPECTRUM DISINFECTANT WITH PROVEN EFFICACY FOR AVIAN INFLUENZA, NEWCASTLE DISEASE AND SALMONELLA.

VULKAN® AIR

Biosecurity solutions

- ▶ Proven Efficacy on Avian Flu at 0.4%
- ▶ Glut and Quat Broad Spectrum disinfectant
- ▶ Does not leave greasy deposits

APPLICATIONS



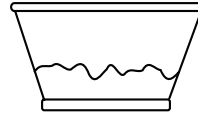
Foaming



Spraying



Thermal fogging
Nebulization



Soaking



Foot and wheel dips

SURFACE/EQUIPMENT DISINFECTION

Pre clean surfaces and equipment with a detergent such as DT Foam. Prepare a solution of Vulkan Air at 2% and spray onto all surfaces and equipment. A Foaming lance can also be used for visual aid to ensure full coverage is achieved.

Efficacy at 10 °C

Bactericidal in 30 minutes according to EN 14349

<i>Enterococcus hirae</i>	Gram +	0.3%	1:333
<i>Staphylococcus aureus</i>	Gram +	0.3%	1:333
<i>Pseudomonas aeruginosa</i>	Gram -	0.3%	1:333
<i>Proteus vulgaris</i>	Gram -	0.3%	1:333

Bactericidal in 30 minutes according to EN 1656

<i>Enterococcus hirae</i>	Gram +	0.3%	1:333
<i>Staphylococcus aureus</i>	Gram +	0.3%	1:333
<i>Pseudomonas aeruginosa</i>	Gram -	0.3%	1:333
<i>Proteus vulgaris</i>	Gram -	0.3%	1:333
<i>Salmonella enteritidis</i>	Gram -	0.1%	1:1000
<i>Salmonella Typhimurium</i>	Gram -	0.1%	1:1000
<i>Pasteurella multocida</i>	Gram -	0.1%	1:1000
<i>Listeria monocytogenes</i>	Gram +	0.1%	1:1000
<i>Streptococcus suis</i>	Gram +	0.1%	1:1000

Yeasticidal in 1 hour according to EN 16438

<i>Candida albicans</i>	Yeast	0.5%	1:200
-------------------------	-------	------	-------

Virucidal in 30 minutes according to EN 14675

<i>Bovine enterovirus or E.C.B.O.</i>	Picornavirus	0.8%	1:125
<i>African swine fever</i>	Asfavirus	0.7%	1:142
<i>Foot and Mouth disease</i>	Picornavirus	0.4%	1:250
<i>Avian Influenza</i>	Orthomyxovirus	0.4%	1:250
<i>Newcastle disease</i>	Paramyxovirus	0.3%	1:333
<i>Myxomatosis</i>	Poxvirus	0.2%	1:500

Efficacy at 4 °C

Bactericidal in 1 hour according to EN 14349

<i>Enterococcus hirae</i>	Gram +	0.3%	1:133
<i>Staphylococcus aureus</i>	Gram +	0.3%	1:133
<i>Pseudomonas aeruginosa</i>	Gram -	0.3%	1:133
<i>Proteus vulgaris</i>	Gram -	0.3%	1:133

Yeasticidal in 1 hour according to EN 16438

<i>Candida albicans</i>	Yeast	0.5%	1:166
-------------------------	-------	------	-------

Virucidal in 1 hour according to EN 14675

<i>Bovine enterovirus or E.C.B.O.</i>	Picornavirus	1.2%	1:93
<i>Avian influenza</i>	Orthomyxovirus	0.4%	1:250



HUVEPHARMA N.V.
Uitbreidingstraat 80
2600 Antwerp, Belgium
P +32 3 288 1849
customerservice@huvepharma.com

HUVEPHARMA EOOD
3A Nikolay Haytov Str
1113 Sofia, Bulgaria
P +359 2 862 5331
sales@huvepharma.com

HUVEPHARMA SA
34 rue Jean Monnet, Z.I. d'Étriché, Segré,
49500 Segré-en-Anjou Bleu, France
P +33 2 41 92 11 11
info.france@huvepharma.com

