

JohnsonDiversey Zal Perax II

Disinfectant with virucidal properties, low environmental impact

VT48

Description

Zal Perax II is a highly effective oxidising disinfectant based on peracetic acid for use in the agriculture and intensive livestock industries.

Key properties

Zal Perax II is based on a stabilised solution of peracetic acid (5%) plus added surface active/wetting agent to assist application and promote efficient contact of the disinfectant solution with surfaces.

Zal Perax II has proven efficacy against a wide range of micro-organisms. It has been extensively tested in the laboratory and in-use, and shown to have broad-spectrum activity against bacteria and viruses of importance in the effective maintenance of animal health and hygiene. After use, its breakdown products consisting of acetic acid and water are relatively harmless in the environment.

Zal Perax II is designed as a terminal disinfectant for use after surfaces have been thoroughly cleaned and rinsed to remove all gross soil. It is recommended for use in animal housing, dismantled equipment, boot dips and the treatment of water distribution systems. It can also be used to disinfect drinking water (birds in crop).

Zal Perax II is suitable for soak, spray and fogging application.

Benefits

- Specially formulated for use in agriculture and intensive livestock applications
- Wetting agent produces foam to assist visibility during application and promotes surface contact
- Bactericidal and virucidal action
- Low environmental impact
- Suitable for use in soft or hard water

Use instructions

Animal Housing: Spray with a 0.5-1% v/v solution (25 litres per 100 M²)

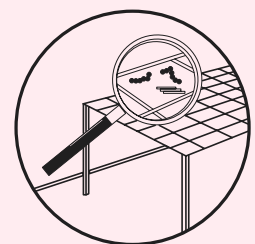
Dismantled Equipment: Spray or dip using 0.5-1% v/v solution Boot Dips: Use a 0.5-1%v/v solution, change daily.

Water distribution systems: For cleaning and disinfecting, use a 1% v/v solution (drainable systems) or 0.2% solution (non-drainable systems).

Drinking water (birds in crop) Use a 0.05% v/v solution (equivalent to 25ppm PAA).

Fogging Apply a 4.0-5.0% v/v solution (1.25 litres per 1000M³ of air).

For specific details, please refer to individual method cards.



Divosan™

JohnsonDiversey Zal Perax II

Technical data

Appearance	clear, colourless liquid
Relative Density at 20°C	1.10
pH (1% solution at 20°C)	3.0
Chemical Oxygen Demand (COD)	none
Nitrogen Content (N)	none
Phosphorous Content (P)	<0.1 g/kg

The above data is typical of normal production and should not be taken as a specification.

DEFRA approved dilution rates for Notifiable Diseases under the Animal Health Act (1981) are as follows.

Swine Vesicular Disease Order	1 part Zal Perax II to 160 parts water
Diseases of Poultry Orders	1 part Zal Perax II to 145 parts water
Foot and Mouth Disease Orders	1 part Zal Perax II to 800 parts water
Tuberculosis Order	1 part Zal Perax II to 44 parts water
General Orders	1 part Zal Perax II to 256 parts water

Safe handling and storage information

Store in original closed containers, away from sunlight and extremes of temperature. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Product compatibility

Zal Perax II is suitable for use on the materials commonly encountered in the construction of animal housing and related equipment. In the event of uncertainty it is advisable to evaluate individual materials before any prolonged use.

Test method

Reagents:	0.1N Potassium permanganate 0.1N Sodium thiosulphate Potassium iodide (10%) Sulphuric acid (25%) Starch indicator solution (1%)
Procedure:	Add 20ml of sulphuric acid solution to 50ml of test solution. Add a few drops of potassium permanganate solution to a faint pink colour. Then add 5ml potassium iodide solution and 2ml starch indicator and titrate with sodium thiosulphate until colourless.
Calculation:	% v/v Zal Perax II = titre (ml) x 0.15 ppm peracetic acid (PAA) = titre (ml) x 76

Microbiological data

EN 1656: passed at 0.08% dilution in hard water (300ppm as CaCO₃) and low soil (0.3% bovine albumin), 30 minutes contact time at 10°C.

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Available pack sizes

Article code	Pack size
7509312	2x5L
7509316	20L

JohnsonDiversey (UK)

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