

SHOOF FACT SHEET

CITROX - 14W PLUS



Shoof Codes

212 754 1-L Concentrate

212 755 5-L Concentrate

212 756 20-L Concentrate

FEATURES	BENEFITS
<ul style="list-style-type: none">• Safe to spray in presence of livestock	<ul style="list-style-type: none">• Time saving, not required to remove calves from pen, so pens can be sanitised more often, can also spray the calves themselves to reduce harmful diseases
<ul style="list-style-type: none">• Effective in the presence of organic matter	<ul style="list-style-type: none">• All materials including waste in the calf pens will be effectively sanitised when sprayed
<ul style="list-style-type: none">• Can be applied directly to food as an additive	<ul style="list-style-type: none">• It is non-toxic and non-tainting, will not alter the taste of the food, so can be sprayed all over the calf feed equipment or feed without affecting food
<ul style="list-style-type: none">• Breaks down biofilm and removes chemical residues	<ul style="list-style-type: none">• Less harmful chemicals in the environment

PRODUCT INFORMATION

14W Plus is a totally natural, environmentally friendly sanitiser, it is non-toxic, hypo-allergenic and is completely safe with no nasty chemicals.

It is ideal for sanitising calf rearing sheds and for the cow shed. It is formulated to eliminate up to 99.999% of harmful bacteria, viral, yeasts, moulds and fungi contamination on instruments, equipment, feeding containers and buildings.

It effectively reduces and inhibits viruses including Rotavirus, Coronaviridae, Coccidiosis, Cryptococcus, Newcastles, Mareks, Foot and Mouth, and Avian Influenza, effective control against the pathogens that cause Mastitis and Footrot.

- A replacement for Chlorine, Iodine and peroxide
- NZFSA ACVM approved for use in farm dairies
- BioGrow certified (5126)
- The ideal contact time should be a minimum of two minutes

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INTERNATIONAL LTD

- Can be used to sanitise fresh produce from the garden and for general house duties
- Red meats and poultry carcasses can be safely rinsed to reduce the populations of harmful bacteria like E Coli 0157, Campylobacter and salmonella

DILUTION

Shed hygiene	0.5% - 50mls per 10 litres
Feed containers	0.5% - 50mls per 10 litres
Instruments and equipment	0.3% - 30mls per 10 litres
Fogging of buildings	1% - 100mls per 10 litres
Aprons, clothing and hands	0.3% - 30mls per 10 litres
Carcass washing (as a spray)	0.2% - 20mls per 10 litres

INGREDIENTS

Citrus pulp extract, Water (demineralised), Citric Acid and Glycerin.

SAFETY

Inhalation:	Non-hazardous
Skin contact:	Non-hazardous
Eye contact:	May cause irritation to eyes. In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Contains Citric Acid HSNO 8.3 A
Ingestion:	May sterilise gut. Drink copious quantities of water. Seek medical advice.
Advice to doctor:	Treat symptomatically

Comparison of Different Farm Sanitisers	Chlorine XY12	Virkon S	Ecosafe Envirozan	Citrox 14WP	Comments
Made from Natural Ingredients (Active)	X 12% Chlorine	X Oxone	X Glutaraldehyde	✓ Pure Citrus Extract	Citrox 14W P is made entirely from natural food ingredients.
Made From Sustainable Resources	X	X	X	✓	Citrox 14W P is the only product that is organic certified.
Effectiveness	✓	✓	✓	✓	All are similar in effectiveness against bacteria, fungi and viruses.
Safety - Humans	X	X	X	✓	Citrox 14W P is a mild eye irritant only. 14W P is used in mouth washes.
Safety - Animals	X	✓	X	✓	Citrox 14W P is used in animal and fish feeds as a preservative.
Safety - Environment	X	X	X	✓	Citrox 14W P is readily biodegradable as it is made from entirely from foods.
Food Grade Use	✓	X	X	✓	Citrox 14W P can be used as food a ingredient under FSANZ regulations.
NZFSA Approval for Farm Use	✓	✓	✓	✓	Citrox formulations are approved as fungicides and food preservatives.
In Use Cost Per 10 Ltrs	Low cost <\$1.00	\$8.00 Based on 1:100	\$2.40 Based on 1:100	\$1.50 Based on 1:100	Chlorine is cheap but has limitations on its use in most situations. Chlorine will flash off immediately in the presence of organic matter, so is used up quickly.
In Use Life of Mixed Product	Use within hours	1 week	Unknown	More than 1 week	Citrox 14WP if stored in a closed container will last for many weeks.
Special Storage Requirements	Yes Highly Oxi-	No	No	No	Citrox 14WP is safe to transport and store anywhere.