



SPECTRAGEN®

Liquid disinfectant for livestock and food processing area

Concentrated and powerful disinfectant



Approved according to EU standards

SPECTRAGEN® is approved in veterinary area at 10°C (after 30 minutes of contact time, under high-level soiling conditions) :

- Bactericidal at 0,2% (EN 14349).
- Virucidal at 0,6% (EN 14675).
- Fungicidal at 1% (EN 13697).

SPECTRAGEN® is approved for an application by thermofogging in veterinary area at 1 ml/m³ to disinfect (NFT 72-281).

SPECTRAGEN® is approved bactericidal for food processing industry at 0,2%.

Packaging

1 l, 5 l, 20 l, 60 l and 200 l

Composition

Didecyldimethylammonium chloride (CAS 7173-51-5)	6,63 %
Alkyldimethylbenzylammonium chloride (CAS 68424-85-1)	18,96 %
Glutaraldehyde (CAS 111-30-8)	16,11 %

French authorization n° BTR0323
Breeding
Food processing industry

Inventoried as a biocide
under n° 44041.

Effective on any kind of surfaces

Used at the rate of 1% corresponding to the threefold licence, **SPECTRAGEN®** secures disinfection in all situations (box, feeder, basement,...).

Thanks to over 3500 samples, **SPECTRAGEN®** is proved to be effective on every surfaces of livestock buildings : smooth concrete, rough concrete, fibrocement, wood, metal, plastic, sandwich panel.

Approved against additional strains

SPECTRAGEN® is also effective :

- Bactericidal (EN 14349) : (10°C, 30 minutes, high-level soiling conditions)
 - *Salmonella typhimurium* at 0,2 %
 - *Salmonella enteritidis* at 0,2 %
 - *Salmonella senftenberg* at 0,05 %
 - *Listeria monocytogenes* at 0,05 %
- Virucidal (EN 14675) : (10°C, 30 minutes, high-level soiling conditions)
 - Myxomatosis virus at 0,2 %
 - H5N1 influenza virus at 0,4 %
 - Newcastle Disease at 0,1 %
 - Duck Parvovirus at 0,7 %
 - Porcine Circovirus at 0.7%
 - PRRS at 0.4%
 - PED virus at 0.4%
- Fungicidal (EN 13697) : with veterinary area conditions (10°C, 30 minutes, high-level soiling conditions)
 - *Aspergillus fumigatus* at 1 %

SYNTHÈSE ÉLEVAGE - 11 Rue Marie Curie - CS 39 - 35137 PLEUMELEUC - FRANCE

Telephone : +33(0)2 99 06 10 06 - Fax : +33(0)2 99 06 10 11

Mail : contact@syntheseelevage.com



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Directions

Disinfection on hard surfaces in livestock areas : Use water solution of **SPECTRAGEN®** on previously cleaned and rinsed surfaces. Ensure that livestock and feed are removed from the area. For a contact time of 30 minutes, the recommended dose is from 0.2% to 1%.

By Spraying : Use 200 to 400 l of solution per 1000 m² to be disinfected. Leave on for at least 30 minutes. After treatment, ventilate buildings and enclosed spaces and wait for the complete drying of surfaces before relocation of animals.

By fogging : Use 1 ml of **SPECTRAGEN®** per m³ (about 3 l for a building of 1000 m²). Leave on for 4 hours with the fully enclosed building (no human or animal presence). After treatment, ventilate the buildings for at least 2 hours. Do not penetrate into the treated area as long as the fog is not lifted.

Disinfection on hard surfaces in food processing areas : Use a 0.2% of **SPECTRAGEN®** water solution. Leave on for at least 5 minutes.

Rinse necessarily to water surfaces in contact with foodstuffs. After use, clean application equipment with water.

Swine breeding

Maternity

Number of places	Total area to be disinfected	Quantity of SPECTRAGEN® 0,2 % bactericidal dose	Quantity of SPECTRAGEN® 0,6 % virucidal dose
8	192 m ² / 2079 Pi ²	0,120 l	0,360 l
10	240 m ² / 2772 Pi ²	0,160 l	0,480 l
12	288 m ² / 3465 Pi ²	0,200 l	0,600 l
14	336 m ² / 4158 Pi ²	0,240 l	0,720 l
20	480 m ² / 4851 Pi ²	0,280 l	0,840 l

Post-sevrage

Number of places	Total area to be disinfected	Quantity of SPECTRAGEN® 0,2 % bactericidal dose	Quantity of SPECTRAGEN® 0,6 % virucidal dose
80	134 m ² / 1451 Pi ²	0,080 l	0,240 l
100	168 m ² / 1820 Pi ²	0,100 l	0,300 l
120	202 m ² / 2190 Pi ²	0,120 l	0,360 l
140	235 m ² / 2550 Pi ²	0,140 l	0,420 l
200	336 m ² / 3640 Pi ²	0,200 l	0,600 l

Engraissement

Number of places	Total area to be disinfected	Quantity of SPECTRAGEN® 0,2 % bactericidal dose	Quantity of SPECTRAGEN® 0,6 % virucidal dose
80	241 m ² / 2610 Pi ²	0,140 l	0,420 l
100	301 m ² / 3260 Pi ²	0,180 l	0,540 l
120	361 m ² / 3900 Pi ²	0,200 l	0,600 l
140	421 m ² / 4560 Pi ²	0,260 l	0,780 l
200	602 m ² / 6520 Pi ²	0,360 l	1,080 l
400	1204 m ² / 13040 Pi ²	0,720 l	2,160 l

This table gives an approximate estimate of the area to be disinfected.

It is estimated that the surface to be disinfected can vary by 10% more or less.

Poultry breeding

Spray the surfaces to soak them, avoiding the runoff.

Floor surface to treat	Quantité de SPECTRAGEN® Dose bactéricide à 0,2 %	Quantité de SPECTRAGEN® Dose virucide à 0,6 %	Quantité de solution désinfectante
400 m ² / 4332 Pi ²	0,600 l	1,800 l	250 à 350 l
1000 m ² / 10830 Pi ²	1,200 l	3,600 l	500 à 700 l
1200 m ² / 13000 Pi ²	1,400 l	4,200 l	600 à 800 l

Sur sol caillebotis, doubler la quantité d'eau et de désinfectant.

For your safety, use equipments for individual protection
«Use biocides with precaution. Always read the label and product information before use». Art. L522 - 14 of French environmental code.

Distributed by S.E.C. Repro Inc.

S.E.C Repro Inc.

86, Rue Roy
Ange-Gardien-de-Rouville
JOË 1EO QUEBEC
QUEBEC (CANADA)

SF : 1.888.446.4647
(Canada and USA)
Tél. : 1.450.293.0156
(worldwide)
Téléec. : 1.450.293.0157
Courriel : info@secrepro.com



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