

### AGRICULTURE AND HORTICULTURE INDUSTRY



DIN 02012952

Food and beverage industry accepted

**PREMISE DISINFECTANT** is used for cleaning, disinfecting and sanitizing agricultural and horticultural buildings such as animal housing, livestock trucks, equipment, and as a shoe bath prior to entering barns. **PREMISE DISINFECTANT** is also used as a deodorant and drinking water sanitizer. Effective against Porcine Reproductive and Respiratory syndrome (PRRS), trials at the University of Minnesota Swine Disease Eradication Center have concluded that **PREMISE DISINFECTANT** is a highly efficacious disinfectant against PRRSV contaminated surfaces and trailers.

### FEATURES and BENEFITS

- Proven to kill PRRS virus
- Its wide microbicidal spectrum acts on most bacteria, mould and yeast
- Contains 1.75% of titratable iodine
- Effective in cold water
- Effective in the presence of organic matter
- Maintains effectiveness in hard water
- Safe for human & animals at recommended dilution rates
- Fast acting
- The natural colour of iodine allows the product to act as its own indicator. There is always iodine present in the solution so long as there is an amber colour present.

### DIRECTIONS FOR USE

#### DISINFECTION Buildings and equipment

1. Remove all animals and feed.
2. Then remove all dirt, manure, debris from floor or surface.
3. Pre-rinse with water to pre-clean. (High pressure if possible).
4. Clean with an alkaline cleaner (**Premise Degreaser**)
5. Rinse with water. (High pressure if possible).
6. Apply the disinfectant to cleaned surface by an applicator, or manually.
7. Let solution drain and dry without rinsing.

**Concentration** Between 0.44% (4.4 ml/litre of water) (1:225) = 75 PPM  
and 0,88% (8,8 ml/litre of water) (1:450) = 150 PPM

**Rinsing** Rinse food contact surfaces and all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with potable water.

#### DESINFECTION Shoe bath concentration

Place a shoe bath inside the doorway with solution.

**Concentration** 1.5% (15ml/litre of water of water) (1:66)  
Solution's temperature may vary between 35°C and 45°C

#### SANITIZING Poultry drinking water

0.4% (4 ml/10 litres of water). Gives 8 PPM iodine.

**Temperature** Between 4°C and 40°C (39°F and 105°F)

# PREMISE DISINFECTANT

## IODINE-BASED DISINFECTANT AND SANITIZER

### PHYSICAL PROPERTIES

Appearance	Dark brown liquid
Odour	Iode
Specific gravity @ 20°C	1.13
Viscosity	Moderate
pH	< 1
Flash point (TCC)	None
Phosphorus	Phosphoric acid
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	Approx. 100°C
Freezing point	N/A
Foaming tendency	Moderate
Concentration monitoring techniques	Titration
Rinsing	Excellent

### MICROBIOLOGICAL DATA

List of agriculturally important organisms destroyed at usual use dilution (75 PPM titratable iodine) with a phosphoric acid/iodine ratio of 9:1. Stabilized iodine disinfectants are non-selective in their ability to destroy microorganisms. Tamed iodine destroys these organisms and more.

#### NO GROWTH:

Bacillus cereus Escherichia coli Shigella sonnei Staphylococcus aureus Candida albicans Aspergillus niger Pseudomonas aeruginosa Enterobacter cloacae	Streptococcus salivarius Bacillus subtilis Streptococcus faecalis Staphylococcus epidermitis Bacillus sphaeriticus Bacillus megatherium Listeria monocytogenes Salmonella arizonae
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### INCOMPATIBILITY

Alkaline and chlorinated products, reducing agents

### WAREHOUSING PRECAUTIONS

Keep from freezing

### FIRST AID MEASURES

#### EYE CONTACT

Wash with plenty of water for 15 minutes. Consult physician.

#### SKIN CONTACT

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

#### INHALATION

Give fresh air

#### INGESTION

Do not induce vomiting. Drink plenty of water and contact physician.

### HEALTH

2

### FLAMMABILITY

0

### REACTIVITY

0

#### LEGEND

0 = MINIMAL RISK  
1 = SLIGHT RISK  
2 = MODERATE RISK  
3 = SERIOUS RISK  
4 = SEVERE RISK

### PERSONAL PROTECTION Security equipment



WHMIS



**IMPORTANT :** Before using **PREMISE DISINFECTANT**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the material safety data sheet (M.S.D.S).