

Roxycide™

 *A Trusted Shield for Prevention*



Broad Spectrum Disinfectant Bactericidal, Virucidal and Fungicidal.

- ✓ Proven Efficacy Against Bacteria, Virus, Fungi
- ✓ Fast Acting & High Activity Against Biofilms
- ✓ Wide Applications: Surface, Aerial, Water
- ✓ Livestock & Environmentally Friendly
- ✓ Poultry, Swine, Bovine, Equine, Companion Animals, Dairy Industrial



A High Efficacy Disinfectant

Applications range of **Roxycide™** disinfectant for poultry from agriculture to food processing where the focus is on bacterial, an d virus an d organic matter. **Roxycide™** is a triple salt and sodium chloride compound complexed with a surfactant generates high levels of free radicals, activated oxygen and hypochlorous acid proven highly effective against viruses, bacteria and other pathogens in environments including organic matter and biofilms.

Roxycide™ Key Benefits

Activated Oxygen + Hypochlorous Acid for continuous long term activity and efficacy against biofilms.

Fast Acting, killing most pathogens within 5 to 10 minutes.

Non-toxic and non-irritant at recommended dilutions.

Wide applications and compatible with standard application methods – surface spray, water systems, nebulizers, aerosol.

Biodegradable and environmentally friendly.

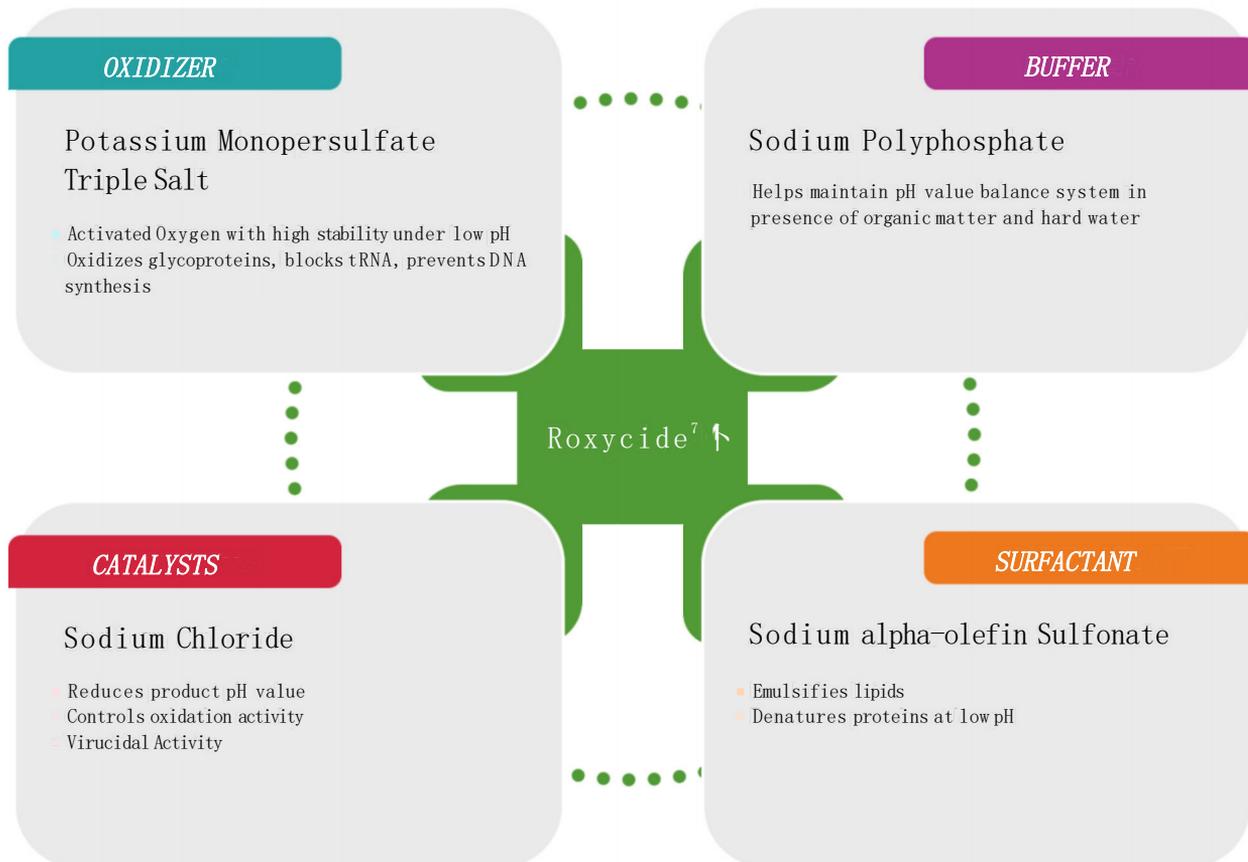
Solution stable for 5-7 days.

Spectrum Applications

Poultry	Hatcheries, Boilers, Feeder Houses, Processing Plants
Swine	Farrowing, Nursery, Finisher, Processing Plants
Bovine	Stalls, Feedlots, Hospital Pens, Bulk tanks, Milking systems
Equine	Stables, Stalls, Feed Rooms, Hoof care
Companion Animals	Grooming & Boarding, Kennels
Terminal Biosecurity	
Surface disinfection housing, Equipment, Water Lines, Aerial disinfection	
Continuous Biosecurity	
Hand sanitation, Footbaths, Drinking water, Vehicle	



Synergistic Components Increase Disinfection Activity



Roxycide™ Activity Spectrum

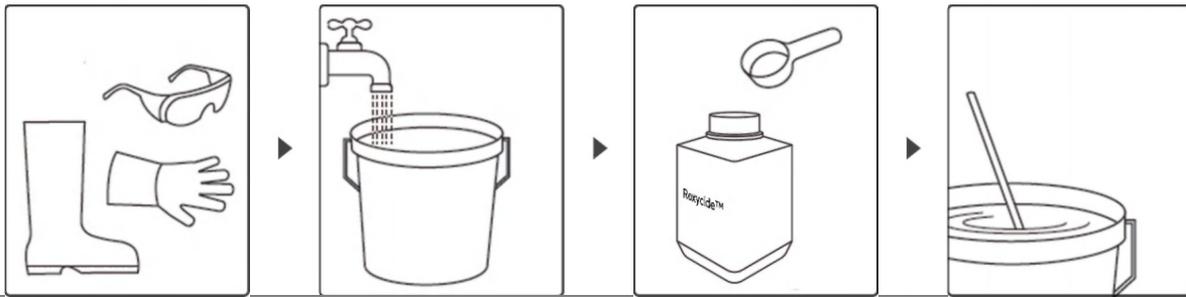
Roxycide disinfectant powder disinfects livestock housing, surfaces and equipment. It has been proven effective against more than 500 strains of viruses, bacteria and fungi including African Swine Fever, Foot and Mouth Disease, (FMD), Avian Influenza, Salmonella and Campylobacter.

Bacteria and Virus	Roxycide™ Dosage
Staphylococcus aureus	5g/2litre 1:400
E. Coli	5g/2litre 1:400
Streptococcus	5g/2litre 1:800
Foot and mouth disease	1g/litre 1:1000
Swine vesicular disease	5g/2litre 1:400
IBDV (Infectious bursal disease virus)	5g/2litre 1:400
Avian flu	5g/8litre 1:1600
Newcastle disease virus	5g/1.4litre 1:280
Marek's disease virus	5g/litre 1:200
Porcine reproductive and respiratory syndrome virus (PRRS)	5g/3.5litre 1:700

*Regulatory approved dosages based on 20 minutes kill time requirements

Application Strategy

How to make ready-to-use disinfectant solution?



1. Personal protective equipment required

2. Pour Water

3. Add Roxycide™

△ Stir thoroughly until fully dissolved, then use

Recommendations for Spray Disinfection of Poultry and Livestock

Aerosol/Atomization disinfection using electric sprayer once every 1-2 days

Dilution rate: 50 grams Roxycide™ powder to 10 litres water
Application rate: 20-△0 ml per cubic meter

Use in electric aerosol sprayers during hot season to reduce temperature and heat stress prevention

Dilution rate: 20 grams Roxycide™ powder to 15 litres water
Application rate: 60 ml per cubic meter

During periods of animal stress or epidemic in presence of animals

Dilution rate: 50 grams Roxycide™ powder to 10 litres water
Application rate: △0 ml per cubic meter, 1-2 times per day for 3-5 days

Note: In summer, suggest spraying in early morning with closed ventilation.

Safety: Do not exceed the equivalent of 5 grams Roxycide™ powder per kg of body weight.

Disinfection Strategy	Product Dilution (g/litre water]
<i>Disinfection Strategy</i>	
Aerial & surface disinfection, 1-2 times per week	5g/litre (1:200)
Drinking water sanitation	1g/5 Litres (1:5000)
Drinking water equipment disinfection	5g/Litre (1:200)
<i>During Disease Outbreaks</i>	
Aerial & surface disinfection, 1-2 times per day for 3-5 days	5g/litre (1:200)
Drinking water sanitation	1g/litre (1:1000)

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