

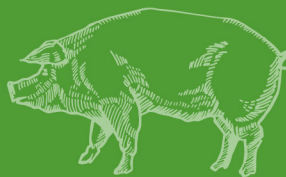
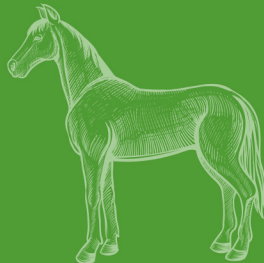
# Roxycide™

 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 from agriculture to food processing where the focus is on bacterial and virus and organic matter control.

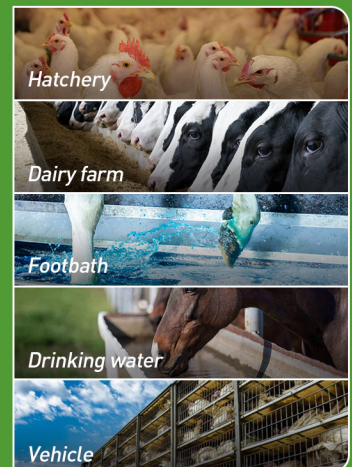
The triple salt and sodium chloride compound complexed with a surfactant generates high levels of free radicals, activated oxygen and hypochlorous acid proven highly effective against viruses, bacteria and other pathogens in environments including organic matter and biofilms.

### Roxycide™ Key Benefits

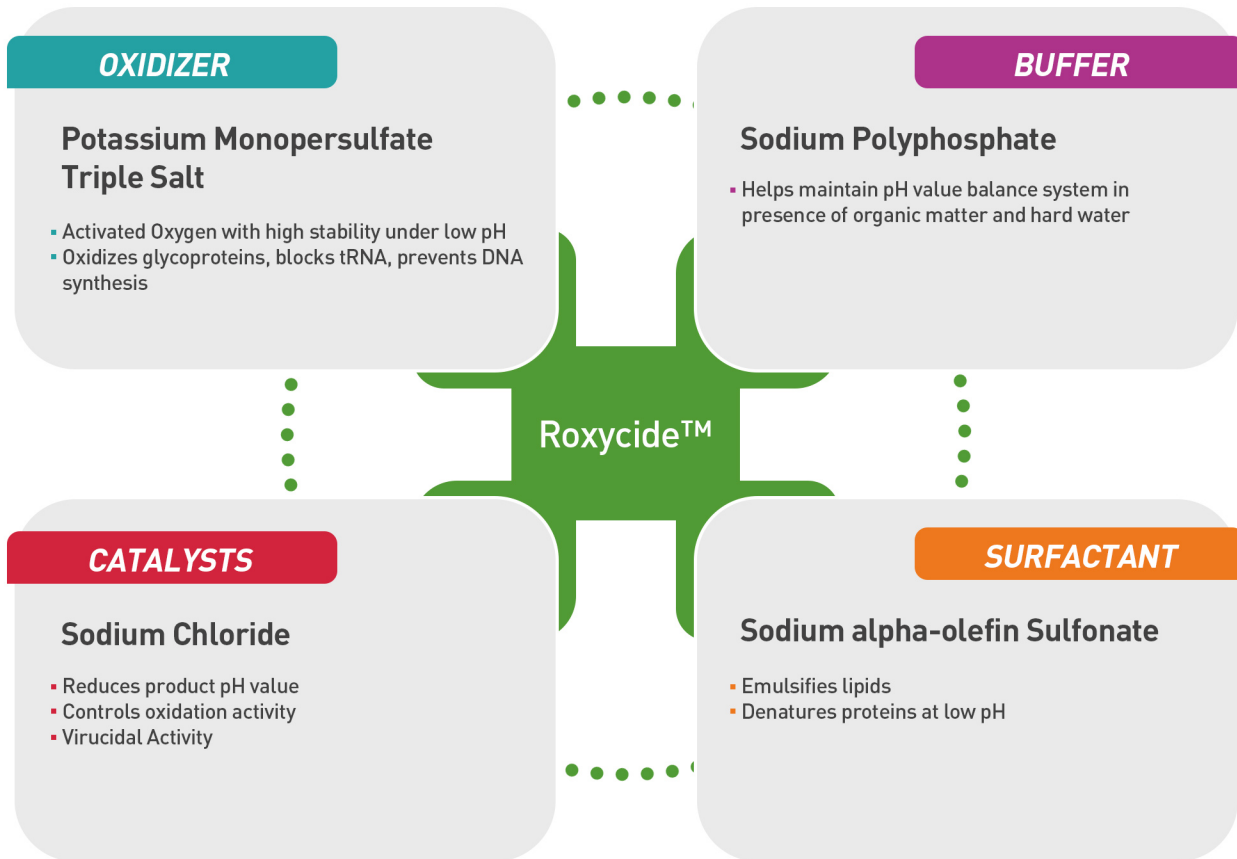
- Activated Oxygen + Hypochlorous Acid for continuous long term activity and efficacy against biofilms.
- Fast Acting, killing most pathogens within 5 to 10 minutes.
- Non-toxic and non-irritant at recommended dilutions.
- Wide applications and compatible with standard application methods - surface spray, water systems, nebulizers, aerosol.
- Biodegradable and environmentally friendly.
- Solution stable for 5-7 days.

### Spectrum Applications

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



## Synergistic Components Increase Disinfection Activity



## Roxycide™ Activity Spectrum

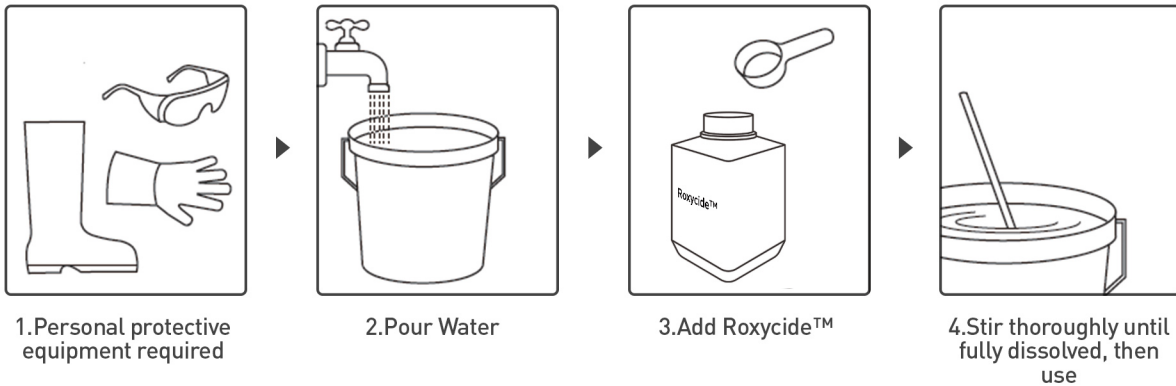
Roxycide disinfectant powder disinfects livestock housing, surfaces and equipment. It has been proven effective against more than 500 strains of viruses, bacteria and fungi including African Swine Fever, Foot and Mouth Disease, (FMD), Avian Influenza, Salmonella and Campylobacter.

Bacteria and Virus	Roxycide™ Dosage
Staphylococcus aureus	5g/2litre 1:400
E. Coli	5g/2litre 1:400
Streptococcus	5g/4litre 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?



## 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: 20-40 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: 40 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)
<b>Disinfection Strategy</b>	
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)
<b>During Disease Outbreaks</b>	
Aerial & surface disinfection, 1-2 times per day for 3-5 days	5g/litre (1:200)
Drinking water sanitation	1g/litre (1:1000)

 **ROSUN** Chengdu Rosun Disinfection Pharmaceutical Co., Ltd.

**Add.** No. 139 East Fifth Road of Auto Center, Eco.&Tech. Development Zone of Chengdu City, China.  
**Tel.** +86 28 65988030  
**Website** [www.rosun.com.cn](http://www.rosun.com.cn) / [rosun.en.alibaba.com](http://rosun.en.alibaba.com)  
**Email** [intl-market@rosun.com.cn](mailto:intl-market@rosun.com.cn)