

FYTOCIDE

A Unique, Natural Phyto-Biocide

A unique combination of US EPA* & EU approved Natural Phyto-phenols, Phytoalcohols & Phytoaldehydes

FytoCide provides a highly potent alternative to synthetic biocidal Phenolic compounds like 2-Phenylphenol or o-phenylphenol, Benzyl chloro phenol, Para tertiary Amyl Phenol with natural standardized Phenols from Plants

Phenolic compounds are secondary metabolites, which are produced in the shikimic acid (an important biochemical metabolite in plants and microorganisms) of plants and pentose phosphate through phenylpropanoid metabolism. They contain benzene rings, with one or more hydroxyl substituents, and range from simple phenolic molecules to highly polymerized compounds

Plant phenolic compounds can act as antioxidants, structural polymers (lignin), attractants (flavonoids and carotenoids), UV screens (flavonoids), signal compounds (salicylic acid and flavonoids) and defense response chemicals (tannins and phytoalexins)

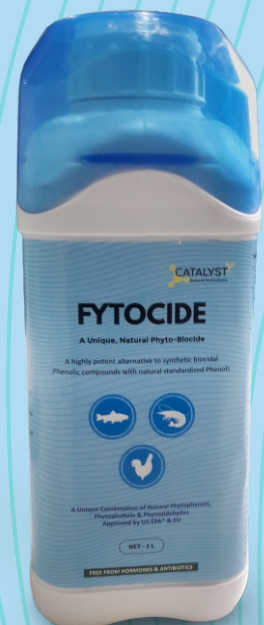
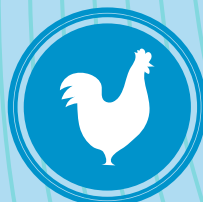
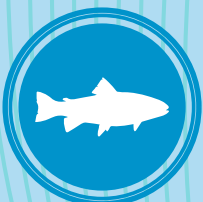
Phenolic compounds have long been associated with a variety of biochemical and pharmacological properties including antioxidant, antiviral, anticancer, and anti-inflammatory activities.

FytoCide also provides a highly potent alternative to synthetic aldehydes like glutaraldehyde, formaldehyde with natural plant based aldehydes having similar or equivalent biocidal or sanitization properties.

**A combination of 3 kinds of Biocides - Aldehydes, Alcohols & Phenols
With No Negative Effects of Synthetic Chemicals**

FytoCide - Unique Features

- Consists of standardized phytochemicals with optimized percentages
- Combination of highly potent plant based aldehydes, alcohol & phenols with no adverse effects of synthetic chemicals
- Consists of broad spectrum of activity
- Consists of proven efficacy ingredients listed in USEPA & EU Biocidal Product List
- Safe to use as a sanitizer even for human spraying tunnels @ 0.5% dilution rate

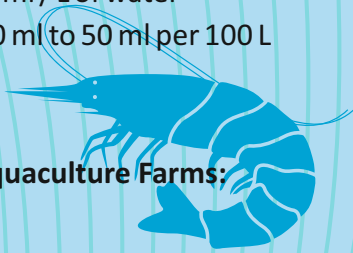


FytoCide offers the following Benefits:

- Broad spectrum of activity
- Consists of standardized Phytochemicals
- Consists of Ingredients approved by US EPA & EU
- Safe to use on all surfaces by spraying and fogging
- Offers high biodegradation properties
- Does not affect the DO levels in the aqua ponds
- Does not create any stress on animals
- The contact time is more with no harmful residual effects
- Free from any harmful & artificial chemical or pesticide
- Safe for use in clinics, laboratories, hospitals, animal farms
- Safe to use in human spraying tunnels at recommended usage levels

Recommended Usage Levels - For Poultry:

- Farm Fogging - Spray in presence of birds @ 1% to 2% or 10 ml to 20 ml / L of water
- Terminal fogging - @ 2% or 20 ml / L of water
- Surface sanitization - @ 1% to 2%
- Egg wash / Cleaning - 1 ml per 2 L of water
- Vehicle / Equipment / Hatchery - 10 ml / L of water
- Water sanitization / GUT Health - 30 ml to 50 ml per 100 L of drinking water



Recommended Usage Levels – For Aquaculture Farms:

- Spray @ 1 L to 2 L per acre of pond.
- Vehicle / Equipment spray @ 10 ml / L of water
- Shrimp and Fish Hatchery - 10 ml / L of water

Administration Guide:-

- Measure FytoCide 1 L and add in 5 L of water (Pond water to be used in case of aquaculture farms) (Proportionate ration to be maintained for higher quantity of FytoCide)
- Mix slowly and thoroughly to prepare a stock solution
- Store the stock solution for at least 48 hours
- Spray as per recommended levels during sunrise time

Presentation: HDPE Bottle of 1 L & 5 L HDPE Jar

FytoCide - Each Liter consists of

Natural Methylphenol	160 grams
Natural Aldehydes	30 grams
Natural Aliphatic & Cyclic Alcohols	50 grams



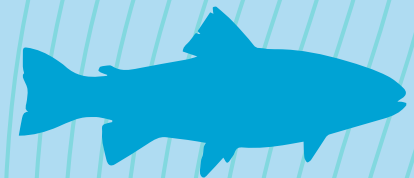
FREE FROM HORMONES & ANTIBIOTICS

NOT FOR HUMAN USE

NOT FOR MEDICINAL USE

FOR VETERINARY USE ONLY

FOR TOPICAL DISINFECTION ONLY



Catalyst LifeSciences Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, HACCP Certified Company

Corporate Office: # 5, 301, 3rd Floor, Greenwood Plaza, Sector 45, Gurugram - 122003, Haryana

Customer care #: +91 892 988 1235; Email: support@catalystlifesciences.in | support@acecatalyst.in

For more information please visit: www.catalystlifesciences.in

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DISPOSAL OF BAD AND OUTER PACKAGE: Do not contaminate water, food or feed by storage and disposal. Completely empty container into application equipment. Triple rinse pail and offer for recycling or reconditioning. Containers can also be disposed of in a sanitary landfill or by incineration, or in accordance with guidance from your local waste regulation authority, such as by burning (if burned, stay out of smoke). When applying this product to water bodies, avoid solid particles from falling on nearby ground where birds and feed may be present.