

NEOTROL®

PRODUCT GUIDELINES

NEOTROL® is a formulated blend primarily used to control Gram-negative and Gram-positive bacterial infections. This proprietary blend utilizes multiple modes of action, and is generally recommended if a Gram-negative infection is suspected.

What is NEOTROL?

NEOTROL is a formulated antibiotic blend primarily used to control Gram-negative bacterial infections. Because industry experience and extensive research have shown that the majority of infections in fuel ethanol plants are found to be Gram-positive, NEOTROL is a product that is fed on an as-needed basis or preventively as a diagnostic kit analysis dictates.

How does NEOTROL work?

Oxytetracycline is a broad-spectrum antibiotic (effective against both Gram-negative and Gram-positive bacteria) produced by the Streptomyces bacterium, and is indicated for use against many bacterial infections. It works by inhibiting action of protein synthesis by binding the transfer RNA. Oxytetracycline makes up about 50 percent of the total activity of NEOTROL. The remaining half of the antibiotic is neomycin, effective against Gram-negative bacteria (and slightly effective against Gram-positive). It works by binding to the bacterial ribosomal subunit, leaving the bacterium unable to synthesize proteins vital to its growth.

Dosage

If Gram-negative bacterial control is needed, NEOTROL will be supplied to the plant and dosed, dependent upon diagnostic kit results. Normal recommended dosage rates range between 0.5 ppm and 4 ppm of product. Concentration is calculated using the ratio of 1 ppm equals 1 pound in 108,000 gallons.

Packaging

NEOTROL is available in ½- or 1-pound water-soluble biodegradable bags, which are contained in 25-pound plastic pails or 50-pound circular fiberboard drums.

Shelf Life

The product has a shelf life of one year from the date of packaging and must be stored in a dry location.

Appearance

White to brown uniform mixture

Kosher Status

Certified Kosher Pareve

Safety and Handling

Hazard Statements

- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- May cause an allergic skin reaction.

Precautionary Statements – Prevention

- Refer to safety data sheet and label

Precautionary Statements – Response

- Refer to safety data sheet and label

Call your Phibro representative today to see if *NEOTROL*[®] is right for you.



*Antimicrobials • Process Aids
Cleaning Products • Yeast*

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