

*Economical*

*Versatile*

*Effective*

*Biodegradable*

*Safe*

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#### TECHNICAL INFORMATION

- Color – Amber
- PH - 8.9 – 9.7
- Odor – Mild
- Biodegradable
- Boron Free
- Chlorine Free
- Nitrate Free
- Solvent Free
- Phenol Free
- Oil Free

The logo for biosolutions, featuring the word "biosolutions" in a green, lowercase, sans-serif font. The "i" in "bio" has a small leaf-like shape above it, and the "s" in "solutions" has a small leaf-like shape above it.

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# BIO 48

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## ENVIRONMENTALLY SAFE, WATER BASED CORROSION INHIBITOR

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A breakthrough in CORROSION INHIBITION, BIO 48 is a proprietary formulation of colloids and other ingredients that work effectively without environmental risk.

### FEATURES & BENEFITS:

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Unique characteristics of BIO 48 make this a superior corrosion inhibitor for ferrous metals. These characteristics include:

➤ Water Based: Safe & easy clean up

- No chlorinated paraffin or sulfur
- Safe for your employees
- Extendable can be stretched for added value
- Physical and chemical barriers for corrosion protection
- Low VOC's

➤ Rust Inhibitor: Superior performance in ASTM D1748 humidity cabinet

➤ Unique Formula: Assist in protection of ferrous metal parts

➤ Versatile: Wide range of corrosion inhibition applications

➤ Health Benefits: Resistant to Bacterial and Fungal growth

➤ Fragrance free: No offensive odor

### ENVIRONMENTALLY-SAFE:

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BIO 48 is a water-based, environmentally-friendly and worker-friendly corrosion inhibitor. (See: **Material Safety Data Sheet**)

### ECONOMICAL:

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BIO 48 is a competitively-priced, and contains no unnecessary dyes and thickeners.

***Call to talk about putting BIO 48 to work on your equipment.***

# BIO 48



Recommended Usage Guidelines		
Application	Minimum Ratio WATER / BIO 48	Maximum Ratio WATER / BIO 48
Light Duty	16:1	10:1
Heavy Duty	4:1	1:1

### Variables that influence ratio

- 1.Type of metal, grade and gauge
- 2.System cleanliness
- 3.Corrosion Inhibitor application system

### Corrosion Inhibitor Application

- 1.Clean system prior initial dip application
  - Drain, disinfect and clean with alkaline cleaner
  - Add Bio 48 per recommended ratio
  - Dip parts in diluted Bio 48 solution
  - Let the parts dry
- 2.Spray application
  - Complete coverage of part necessary
  - Let part dry

### Usage Conditions

- Water quality may impact results
- Maintain system cleanliness
- Excessive dirt and oil will impact corrosion protection