

# WireWorks 50500

## Copper Wire Drawing Lubricant



### Product Description

**WIREWORKS 50500** is both a *biodegradable* and *biostable* copper wire drawing lubricant composed of natural renewable resources. **WIREWORKS 50500** will draw copper or copper clad wire from rod to fine diameters (0.3299-0.0100) clean and stain free. The particle size of the emulsion produces high finish wire with exceptional die life. **WIREWORKS 50500** has low surface tension and high lubricity to reduce down time at high-speed production rates.

### Benefits

- Anneals clean and bright
- Outstanding die life
- Excellent surface finish
- High lubricity reduces breaks, tears and downtime.
- Non-foaming emulsion
- Safe, biodegradable, no oil or hazardous materials
- Non staining on copper, brass, aluminum and galvanized
- Excellent as a stamping/blanking/forming lubricant.
- Formulated with natural, renewable materials.
- Reduces the need for biocide and pH buffers.

### Applications

- Drawing copper or copper clad wires
- Stamping or forming of soft metals

### Directions For Use:

**WIREWORKS 50500** is diluted in water between 4% to 10% by volume for wire drawing. The lubricant is typically used at temperatures between 75° to 130°F, in recirculating central systems and at room temperature in stand-alone mills. **WIREWORKS 50500** can be used as received using a roller or brush for more difficult forming applications.

### Packaging:

**WIREWORKS 50500** is available in 5 gallon pails, 55 gallon drums, 330 gallon totes and bulk.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for loss, damage, or expense, direct or consequential, arising out of their use.

No one understands botanical technologies better than Metalloid, so no one else can bring you advanced technology that works on the issues that matter to you. Get the whole story by calling Metalloid at **800.686.3201**.



#### Michigan Facility

1160 White Street  
Sturgis, MI 49091  
Telephone: 269.503.7300  
Facsimile: 269.503.7795

#### Texas Facility

1829 Norman Drive  
Jacksonville, TX 75766  
Telephone: 903.589.3933  
Facsimile: 903.589.3924

[www.metalloidcorp.com](http://www.metalloidcorp.com)