

# Product DATA BULLETIN

**Metal Medic  
31**  
(7300)  
Soluble Oil

INCREASING PROFITABILITY THROUGH SOLUTIONS-DRIVEN CHEMICAL TECHNOLOGY

## Description:

Metal Medic 31 is a versatile, general-purpose soluble oil designed to disperse rapidly and uniformly in all types of water. It features outstanding emulsion stability and includes a specialized biocide package that effectively resists odor formation. Ideal for a variety of grinding and machining operations, Metal Medic 31 is suitable for use on both ferrous and non-ferrous metals. Its user-friendly formulation is free from diethanolamine, nitrites, chlorine, and formaldehyde-releasing biocides—helping to minimize the risk of dermatitis or respiratory irritation in the workplace.

## Applications:

### Recommended Dilutions:

Grinding: 4-6%

Machining: 8-12%

## Advantages:

- Will not form tacky deposits.
- Leaves a thin oily film on parts.
- Will keep tool surfaces clean.
- Has high operator acceptance.
- Will not stain non ferrous metals.

### PRODUCT PROPERTIES

<b>Appearance</b>	Blue Liquid
<b>Specific Gravity</b>	1.01 - 1.03
<b>pH Concentrate</b>	8.7 - 9.7

### PACKAGING CONFIGURATIONS

- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

### STORAGE & HANDLING

- Packaged in Polyethylene Containers
- Store Inside at Room Temperature in Original Container
- Standard Chemical Handling Practices
- Shelf Life of ~2 Years in Sealed Containers

See SDS for complete safety recommendations.

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