

# Metalina D 200

## Water miscible metalworking fluid

### DESCRIPTION

Metalina D 200 is a fully synthetic, high quality coolant, free of chlorine, nitrite, secondary amines, and hexahydrotriazine. It is recommended for surface and cylindrical grinding of cast-iron and ferrous metals.

### APPLICATION

Metalina D 200 is a fully synthetic water extendible solution recommended for surface and cylindrical grinding of ferrous materials.

### RECOMMENDATIONS FOR USE

Grinding 3 – 5 %

### TYPICAL PHYSICAL PROPERTIES

TEST	TYPICAL VALUE	TEST METHOD
Mineral Oil content %	0	
Specific gravity @ 20 °C	1.085	ASTM D 1298
Kin. Viscosity @ 20 °C	5	
pH of solution @ 5%	9.4	DIN 51396
Min. Anti-Corr. Protection limit (0-0, %)	4	DIN 51360/2
Refractometer factor	2.5	

### ADVANTAGES

- ❑ Very high stability – extending fluid life
- ❑ Excellent cooling properties - for good wheel life and part geometry
- ❑ Rapid settlement of metallic swarf – optimizing surface finish of components
- ❑ Environmental compliance – free of chlorine, phenol, nitrite and secondary amines
- ❑ Transparent solution – excellent visibility of the work piece
- ❑ Full rejection of tramp oil – better working conditions, provides cleaner components, reduces degreasing and disposal costs
- ❑ Excellent foaming behavior – guaranteeing problem free working operations under high pressure and when good air release properties are needed.

### STORAGE

Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is between 5°C and 35°C. Use stock in delivery rotation. A shelf life of twelve months can be anticipated.

### HEALTH AND SAFETY

Health and Safety Data Sheets are supplied to customers to comply with Section 6 of the Health and Safety at Work Act 1974, and should be closely studied prior to handling or use of the product. Copies are available from your Technical Health and Safety Officer. Various other advisory publications are available from the Health and Safety Executive and Her Majesty's Stationery Office.

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All data given in this Product Data Sheet are typical of this material. It does not however constitute a specification. We reserve the right to modify products without prior notice. All products, services and information supplied are provided upon the terms of our standard Conditions of Sale from time to time in force.

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