

# METALINA™ D 200

Water miscible synthetic metalworking fluid

## DESCRIPTION

**METALINA D 200** is a full synthetic, high quality coolant free of chlorine, nitrite, secondary amines, and hexa hydrotriazine. It is recommended for surface and cylindrical grinding of cast-iron and ferrous metals.

**METALINA D 200** has properties of rapid settlement of metallic fines thus optimising surface finish of components

**METALINA D 200** has full rejection of tramp oil giving better working conditions and provides cleaner components, reduced degreasing and disposal costs

**METALINA D 200** has high biostability which gives very good resistance against development and proliferation of bacteria ensuring a safer work environment and prolonged sump life.

**METALINA D 200** has excellent foaming behaviour – Guaranteeing problem free working operations when high pressure and good air release properties are needed.

## FEATURES

- Rapid settlement of metallic fines
- Excellent rejection of tramp oil
- Excellent cleaning properties
- High biostability
- Excellent foaming behaviour
- Transparent solution
- Operator friendly

## TYPICAL VALUES

Product Appearance	Pale Fluid
Emulsion Appearance @5%	Translucent White
pH @5 %v/v	9.4
Specific Gravity @15°C	1.085 kg/L
Min Anti-Cor. Protection Limit (0-0) :	4%
Typical Viscosity @40°C	5 cSt
Mineral Oil content:	0%
Refractometer Factor	2.5

## HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

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This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

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## REFERENCES

**METALINA D 200** is suitable for all removal and grinding operations as well on standalone machines and in central systems.

## HOW TO USE

The concentration of **METALINA D 200** varies depending on the type of machining operation, the water hardness and the required inter-operational corrosion protection.

General machining : 4 – 6 %

Severe cutting operations : 5 – 8 %

Grinding : 3 – 5 %

This may be customised to suit individual needs or solutions, which may vary from time to time. Houghton strongly advises that you contact your Sales Representative to discuss before commencement of use.

## SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **METALINA D 200** is a minimum of Twelve (12) months, unless otherwise specified. The product should be stored inside (5-40°C) for no more than 1 year and be protected from freezing.

**METALINA D 200** is available in Pail, Drum or Tote. Other sizes may be available upon request, please contact your Houghton sales representative.

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## RELATED PRODUCTS

- CUT-MAX®: Straight cutting oils
- GARIA™: Straight cutting oils
- MACRON™: Straight cutting and honing oils
- EXCELENE™: Straight cutting and honing oils
- DASCOLENE™: Straight OEM approved cutting oils
- HOCUT®: Water miscible metalworking fluids
- DASCOOL™: Water miscible metalworking fluids
- DROMUS™: Soluble metalworking fluids
- ADRANA™: Micro-emulsion metalworking fluids
- SITALA™: Semi-Synthetic metalworking fluids
- METALINA™: Synthetic metalworking fluids
- HOUGHTO-GRIND®: Straight and water miscible grinding fluids
- HOUGHTO-DRAW®: Straight and water miscible drawing stamping and forming fluids.
- CINDOL™: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- FENELLA™: Straight and water miscible drawing, stamping and forming fluids.
- CERFA-KLEEN®: Water miscible cleaning fluids
- VIBRA-KLEEN®: Water miscible vibrating cleaning fluids
- CALLINA™: Water miscible cleaning fluids
- RUST VETO®: Straight and water miscible rust preventive fluids.
- ENSIS™: Straight and water miscible rust preventive fluids.
- COSMOLINE®: MIL-SPEC Straight and water miscible rust preventive fluids.



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