

# Technical Data

## ULTRAGUARD® AF 5000

### Silicone-free antifoam additive for water-miscible metalworking fluids

#### Description

ULTRAGUARD AF 5000 is a non-silicone antifoam agent.

ULTRAGUARD AF 5000 is ideal for reducing the foaming tendencies of all water mix metal working fluids particularly when silicones cannot be tolerated due to post process applications.

#### Typical Values

Appearance..... White Opaque Liquid  
 Odour..... Mild  
 pH (5000:1 dilution) ..... 7.0  
 Density at 20°C (g/cm³) .. 1.00

#### Storage

ULTRAGUARD AF 5000 should be stored in a cool, well ventilated area, between +5°C and +30°C, in the original container.

If stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.

#### Further Information

For pack sizes, part codes and safety data sheets please visit [www.rocol.com](http://www.rocol.com) or get in touch with our customer service team who are always happy to help: [customer.service@rocol.com](mailto:customer.service@rocol.com)

#### Features & Benefits

- ULTRAGUARD AF 5000 effectively controls excessive foaming common to water mix metal working fluids.
- Economical in use, due to the high dilution ratios, resulting in effective control of foaming.
- Suitable for use with all types of water mix metal working fluids.
- Completely silicone free which aids post process operations.

#### Directions for Use

- Container should be thoroughly shaken before use.
- Add 1 part ULTRAGUARD AF 5000 to 5000 parts of the fluid that requires de-foaming.
- ULTRAGUARD AF 5000 should be added to approximately 10 litres of the emulsion requiring treatment and thoroughly stirred before adding to the machine sump.
- Alternatively, ULTRAGUARD AF 5000 can be added directly to the sump providing there is sufficient agitation to disperse the antifoam throughout the emulsion.
- Should the foaming persist a second treatment may be required.

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