# **Technical Data**



### Performance you can trust

# **ULTRAGUARD® PF**

# **Machine Tool Purging Fluid**

ULTRAGUARD® PF is a purging fluid specially formulated to clean and disinfect the most heavily contaminated machine tool sumps. It is specifically recommended for use where heavy bacteria, yeast, mould or fungal contamination exists.

#### **Features**

- Cleans and disinfects in one operation.
- · Automatically loosens sludge and slime deposits.
- Broad spectrum activity.
- Suitable for use in spent cutting fluid or clean water.

#### **Directions for Use**

#### Method 1 (after draining cutting fluid)

- 1. Remove metal chips, slime, deposits etc...
- 2. Fill machine or system with clean water, preferably hot.
- 3. Wearing eye protection (goggles) and rubber or PVC gloves, add ULTRAGUARD<sup>®</sup> PF at a dilution of 1 part in 50 parts water. Avoid splashing, especially onto clothes.
- 4. Circulate and mix for 2 to 8 hours, but do not work on the machine.
- 5. Drain and flush with clean water.
- 6. Drain and recharge with fresh coolant.

#### Method 2 (with used cutting fluid)

- 1. Remove metal chips, slime, deposits etc...
- Wearing eye protection (goggles) and rubber or PVC gloves, add ULTRAGUARD<sup>®</sup> PF at a dilution of 1 part in 50 parts water. Avoid splashing, especially onto clothes.
- 3. Circulate and mix for 2 to 8 hours, but do not work on the machine.
- 4. Drain and flush with clean water.
- 5. Drain and recharge with fresh coolant.

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The information in this publication is based on our experience and reports from customers.

There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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# **ULTRAGUARD® PF**

Appearance	Straw coloured liquid
рН	12.5 at 50:1 dilution
Density at 20°C	1.25 g/cm <sup>3</sup>
Storage	Store at normal ambient temperature (5 to 30°C)
Pack Sizes – Part Codes	1 ltr - 52054

ULTRAGUARD® PF must not be allowed to come into contact with reactive metals such as aluminium, zinc or galvanised surfaces. The product reacts with these metals to form hydrogen gas which will form an explosive mixture with air in enclosed spaces.

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