



Art.-No. 29185-01

## Blasorun 5

### Description

Blasorun 5 is a bactericide-free, alkaline additive for water miscible cutting fluids. It may be used to stabilize the cutting fluids as well as to support the cleaning process prior to refilling a machine/system with new coolant.

### Product Properties

Blasorun 5 is an additive with the following properties:

- Good emulsifying behaviour for stabilizing cutting fluids
- excellent rinsing characteristics for removing residues
- pH booster for raising the pH value in cutting fluids and for reducing unpleasant odours
- positive effect on foam generation

### Remarks:

- When adding Blasorun 5, the cutting fluid becomes more washing active and the pH value is increased. However, the cutting performance will not decrease.
- The refractometer factor is 1.8. Therefore, adding 1% will only indicate an additional 0.56 on the refractometer.

### When to Apply

#### Stabilizer

May stabilize water miscible cutting fluids that exhibit the following problems:

- Instability (even in case of separation) and/or
- coarsely dispersed emulsion and/or
- cutting fluids whose pH value is too low and/or
- cutting fluids with an unpleasant odour end/or
- cutting fluids with ferro-corrosion and/or
- cutting fluids with increased foaming tendency and/or
- For flushing out residues in pipes and tanks.

#### System Cleaner

Blasorun 5 is an efficient system cleaner that is added to the cutting fluid prior to discharging in order to clean the machine and to create appropriate conditions for refilling.

### How to Apply

#### Stabilization of the Cutting Fluids

- **Dosage:** 1.0 - 2.5 % based on the total volume, i.e. 10 - 25 litres per 1,000 litres of cutting fluid.
- **Refractometer factor: 1.8!**

#### Stabilization Procedure:

- Blasorun 5 is to be added to the cutting fluid at a turbulent zone.

#### Remark:

- The addition of Blasorun 5 increases the concentration of the cutting fluid, thus reducing the consumption of concentrate.
- A more frequent or even regular addition is only recommended after consultation with the customer service.



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- **System Cleaner (Cleaning of the Machine)**
  - **Dosage:** 2 % based on the total volume, i.e. 20 litres per 1,000 litres of cutting fluid.
  - **Refractometer factor: 1.8!**

**Cleaning Procedure:**

- Blasorun 5 is added to the cutting fluid during normal production.
- Afterwards, continue to work normally for at least 72 hours, but in the best case scenario for 7 days.
- Clean the machine mechanically by means of a rag, brush and high-pressure cleaner.
- Afterwards, the mixture of cutting fluid and Blasorun 5 is siphoned off and disposed of.
- Rinse with a 1 - 2% cutting fluid preparation. Allow at least half an hour for circulation.
- Then siphon off the fresh preparation completely.
- Finally, refill the system with the new preparation according to the instructions.

**Remark:**

The addition of Blasorun 5 increases the concentration of the cutting fluid, thus reducing the consumption of concentrate.

**CAUTION:**

- Blasorun 5 removes residue from the surface, which may lead to a clogging of the filter.
- Any application period less than the recommended 72h increases the risk of cross contamination after a refilling and may possibly include associated performance losses of the cutting fluid.

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**Handling / Storage**

When handling Blasorun 5, gloves and protective glasses must be worn.

Storage: Only in original containers at 0°C to +40°C (32°F to +104°F).

Transport: Not a hazardous material

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**Safety and  
Environmental  
Aspects**

LVA/EU disposal code: 16 03 05. Detailed information may be found in the EU Safety Data Sheet.

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The information provided in this flyer is based on the known characteristics and implementation possibilities. However no legal obligation can be derived from this data.  
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