

Art.No 1935 - 65

## Blasocut BC 935 SW

Description

Blasocut BC 935 SW is a water-miscible, mineral and ester oil based, boron and chlorine free cutting fluid with minimal residue. This product is characterized by strong pH and long term stability. It is designed for the use in soft water.

Range of application

Universal cutting fluid for light to heavy duty machining and grinding of steel, cast iron and is also applicable for mixed manufacturing with aluminum alloys.

This product contains a certain amount of Calcium which acts as anti-foaming agent in soft water. Therefore water with maximum water hardness of 140 ppm / 8°dH should be used.

Product properties	
good cutting performance	$\rightarrow$
good rinsing behaviour	<b>→</b>
mild formulation without bactericide	<b>→</b>

## Benefits universally applicable

long tool life, increased productivity
clean machines, economical consumption (low top off

good human and skin compatibility

Physical-chemical data	Concentrate	Emulsion
Color	brown	light brown, transparent
Mineral oil content	52%	
Water content	0%	
Ester content	9%	
Density at 20°C	0.95 g/cm <sup>3</sup>	
Viscosity at 40°C	74 mm <sup>2</sup> /s	
Flash point	130°C // 266°F	
pH (used emulsion)		8.7 - 9.4
Refractometer factor		1.0

Note

The product does not contain:

Chlorine (without active addition of chlorinated EP additives), heavy metals, boron, secondary amines, silicone, bactericides, isothiazolinone, formaldehyde, nitrosamines.

\*The substances listed here are not part of the formula but trace amounts of these substances may be present.

Recommended anti-foam: Blasocut anti-foam, art. 29108-02

Concentration of use

Variable concentrations from 5 - 15%

- Best results grinding operations from

- Best results machining operations from 7 - 10%

For making-up we recommend using a mixing unit (Jetmix).

A long term storage of low concentrated fresh emulsion (<1.5%) creates a separation of the emulsion and therefore is not recommended.

Information contained in this data sheet is based upon the properties and applications of use as known to us. However, generally no legal liability may be deducted from such information.

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