



BESAL 273

MULTIFUNCTIONAL, FORMALDEHYDE RELEASER-FREE, WATER EMULSIFIABLE CUTTING FLUID

APPLICATIONS

BESAL 273 is used for cutting of Steel and Cast Iron, emulsified in water at a suitable quantity.

Suitable for Aluminum machining.

PROPERTIES

It forms a milky white emulsion that provides the cutting area with good cooling.

The emulsions of **BESAL 273** have an elevated stability with soft waters between to 5 to 40°HF hardness.

This product is a perfect rust inhibitor used in concentration from 5%, and gives an excellent protection to the machines and worked pieces.

With **BESAL 273** emulsions, thanks to its low concentration in use, long operational time, tool protection, low maintenance and minimum bacteriostatic additive consumption, it is possible to obtain important economic savings regarding emulsions of conventional products.

WAY TO USE

To prepare **BESAL 273** emulsions is worth using drinkable water with hardness between 5 and 40°HF and maximum 300 mg/l chlorine content.

To secure a good emulsion, it is advisable to pour **BESAL 273** onto water and then stir. Never pour water onto the product.

The mixing ratio is from 5 to 8% depending on the operation and the water hardness so we recommend following the guidance of our technical staff.

CAUTIONS

Whenever **BESAL 273** emulsion is introduced for the first time in a machine which had been working previously with another product, it is convenient to proceed to a cleaning and disinfecting process. This is absolutely necessary if the emulsion before experienced fermentation problems.

For such cleaning and disinfecting process, we recommend to use specifics products such as our **ADITIVO LIMPIADOR** following the instructions of use and the recommendations of our Technical Service.

There is available the MSDS of the product according to the effective European normative.

RECOMMENDATIONS

In centralized automatic systems, do not use Copper pipes. Use only PVC.

PACKAGING

There are different capacities of supply. Contact our Export Department for any further enquiry.

PHYSICAL-CHEMICAL CHARACTERISTICS

Appearance at 3%, 25°HF	Opalescent stable
pH at 3%, 25°HF	9.5
Corrosion paper at 3%, 20°HF	Nil
Nature	Emulsifiable mineral oil
Formaldehyde releasers	Free
Chlorine content	Free
Refractometer factor	1,6

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Page 1/1