

## **SAGAR**

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### **Water Soluble Full Synthetic fluid for Metalworking**

**Brautek Sagar Full Synthetic.** Es un fluido de corte, que micro-emulsiona en el agua. Es un fluido completamente sintético sin nitrato, especialmente desarrollado para operaciones de molienda y mecanizado de acero y hierro fundido, lo que da un excelente nivel de acabado superficial. Brautek Sagar Full Synthetic presenta una emulsión opalescente altamente estable con excelentes propiedades anticorrosivas a partir de concentraciones del 2%, dando una excelente protección a las máquinas y sus partes.

Brautek Sagar Full Synthetic, debido a su alta potencia hidratante, mejora significativamente la refrigeración del área de corte y mantiene las máquinas limpias de micro-chips procedentes del mecanizado y la molienda.

#### **Recommended applications**

To prepare the emulsions of **Brautek Sagar Full Synthetic**, it is necessary to use potable water with no content of chloride and with a maximum hardness of 50°HF.

The normal concentration of use is the following:

- Steel Grinding: 2.5%
- Cast Iron Grinding: 4%
- Sharpening Tools: 2.5%

## **TECHNICAL PROPERTIES**

Emulsion color	Colorless
pH at 2% in distilled water	9.6 – 10
Nature	Full Synthetic fluid
Corrosion paper 2%, in water 50°F	None
Nitrite content	None
Refraction factor	2.1

The mentioned properties are typical. The variations to be found will be minimal and are to be expected  
In a normal manufacturing process, however, these will not affect the performance of the product.

**Health and safety:**

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. [www.brautek.com](http://www.brautek.com).