

SAGAR

Water Soluble Full Synthetic fluid for Metalworking

Brautek Sagar Full Synthetic is a full synthetic water-solution cutting fluid. Its nitrite free formulation is specially developed for cutting operations of steel cast iron and aluminium aleations giving excelent levels of surface finish.

Brautek Sagar Full Synthetic is characterized by its highly stable translucid opalescent solution and by its excellent anticorrosive properties. This olorless water-solution has long life and low levels of foam and evaporation.

Brautek Sagar Full Synthetic, due to its heat transfer coeficient power and lubricity properties, improves significantly the cooling of the cutting tools and keeps the machining areas clean of waste material.

Recommended applications

To prepared the final water-solution of **Brautek Sagar Full Synthetic**, is necessary to use potable water with no content of chloride and with a maximum hardness of 50°HF.

The recommended concentration of use are 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.