

Technical Data Sheet

# **BONDERITE S-AD AS**

Known as Multan AS October 2015

### PRODUCT DESCRIPTION

BONDERITE S-AD AS provides the following product characteristics:

Technology	Lubricants
Product Type	Defoamer
Application	Service product

BONDERITE S-AD AS is an antifoaming / defoaming agent designed for use in water-soluble cutting fluids.

BONDERITE S-AD AS is completely water dispersible and will not adhere to metal surfaces.

The use of BONDERITE S-AD AS will not impair subsequent finishing operations, such as painting, plating or other surface treatments.

BONDERITE S-AD AS does not exhibit silicone associated characteristics such as defoamer dragout, either on metal fines or the actual workpiece.

To check the compatibility with all metalworking fluids or coating systems, preliminary laboratory trials are recommended.

# **TECHNICAL DATA**

Appearance	opaque, colourless liquid
Density (at 20°C), g/cm <sup>3</sup>	~1.032
DIN 51757	
Viscosity, mPa.s	~4,500
(Brookfield, 25°C)	
Flash Point (DIN ISO 2592),°C	>100

# DIRECTION OF USE

### **Preliminary Statement**

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

### Dosing:

Usual additions are 0.005 to 0.01 % according to the whole coolant volume.

BONDERITE S-AD AS should be added slowly to the inlet side of the recirculation pump to aid in dispersion.

Before adding BONDERITE S-AD AS can be diluted with the cutting fluid emulsion in a ratio of 1:1.

### Storage

Recommended Storage Temperature, °C	0 to 50
Shelf-life, months	12
(in unopened original packaging)	

# Classification

Please refer to the corresponding Material Safety Data Sheets for details on:

Hazardous Information Transport Regulations Safety Regulations



#### ADDITIONAL INFORMATION Disclaimer Note:

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