

# AGITAN<sup>®</sup> SN 777

## TECHNICAL INFORMATION

### Defoamer for aqueous systems

<b>Composition:</b>	Blend of mineral oils, polyether, silica and silicone oil	
<b>Appearance:</b>	liquid	
<b>Colour:</b>	off-white, opaque	
<b>Typical Properties:</b>	Active ingredients:	approx. 100 %
	Consistency (25°C):	approx. 1500 mPa s
	Density at 25°C:	approx. 1.00 g/cm <sup>3</sup>
	Solubility in water:	easily emulsifiable
	pH (2% in dist. water):	approx. 6.5

*This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.*

**Properties/applications:** AGITAN SN 777 is an effective defoamer for aqueous systems and especially suitable for paper coatings as well as for natural and synthetic binders. It shows good anti-foaming and foam breaking properties especially in coating colours for ink-jet papers. In these recipes the defoamer usually avoids surface defects on the layer of the coating and has good levelling properties.

**Recommended levels/use:** In coating colours AGITAN SN 777 is normally used in the level of 0,01 – 0,1 % calculated on the dry weight of the coating colour. However it is recommended to adjust the dosage according to the situation of foam generated. The product should be tested on compatibility with the other used additives. AGITAN SN 777 is easily emulsifiable in water. The defoamer should be added undiluted in the beginning of the preparation of the coating colour.

**Storage/handling:** Following the recommendations the handling of AGITAN SN 777 is uncomplicated. For dosage and storage materials plastics and metal are suitable. After long storage the defoamer might separate. Therefore the product must be stirred well before use. AGITAN SN 777 is not sensitive to freezing. For better handling it is recommended to store the product between 10°C to 25°C. The minimum shelf life in closed containers is 15 months from the date of manufacture.

**Packaging:** Totes holding 950 kg net, drums holding 140 kg net or kegs holding 25 kg net.