

## BALKYD 400 S – 65 X



**Medium oil alkyd resin, modified with vegetable oils – soyabean or sunflower oil**

<b>Supply form:</b>	65% solution in xylene.
<b>Use:</b>	It is used as a plasticizer component in nitrocellulose products.
<b>Classification:</b>	Meets the requirements of the EU legislation.

### CHARACTERISTICS

INDEXES	NORM
<b>Appearance:</b> (visually)	Homogeneous viscous liquid
<b>Colour after Gardner of 50% solution in xylene:</b> (BNS ISO 4630)	max 5
<b>Non-volatile substances content, (125°C/1h):</b> (BNS EN ISO 3251)	65 ± 1,5 %
<b>Viscosity Brookfield at 23°C:</b> (ISO 2555)	8 500 – 12 500 mPa.s
<b>Acid number of 100% of a resin:</b> (BNS EN ISO 3682)	max 10 mgKOH/g
<b>Hydroxyl number of 100% of a resin:</b> (BNS EN ISO 4629)	120 ± 5 mgKOH/g

**OTHER INFORMATION**

<b>Oil content:</b>	40 %
<b>Density at 20°C:</b> (BNS ISO 2811-1)	1,03 g/cm <sup>3</sup>
<b>Flash point, closed pot:</b> (BNS ISO 2719)	34°C
<b>Solubility:</b>	Dissolves in aromatic hydrocarbons, esters, ketones and glycol esters.
<b>Application:</b>	<p>Balkyd 400 S – 65 X is used as a plasticizer component in nitrocellulose products. These products are physically drying systems and formulated coatings have high gloss, resistance to atmospheric impacts and chemicals.</p> <p>The resin is compatible with butyl acetate, toluene and ethanol.</p>
<b>Package:</b>	In metal barrels; plastics containers and cisterns from stainless steel.
<b>Storage:</b>	<p>Store in well closed packaging, in sheltered, dry and well-ventilated storage, protected from direct sunlight, at temperatures no higher than 30°C.</p> <p><b>Storage shelf life</b> – 12 months from date of production.</p>
<b>Hygiene, safety work and ecology:</b>	Refer to the Material Safety Data Sheet for further information on the safe storage, use and handling of Balkyd 400 S – 65 X. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product, and adequate safety procedures should be followed.

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The present technical description has the purpose to inform the clients on the quality of our product. The data herein is based on our present best knowledge. We invite our clients before work to check the quality of the product or its adaptation to the base and to make an experimental application. Our clients must be sure, that the present technical description hasn't been changed or replaced by a newer edition.

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