

# Technical data sheet

## ALBERDINGK® Dehydrated Castor Oil

### Characteristic:

ALBERDINGK® Dehydrated Castor Oil is produced by a special process (conversion of the ricinoleic acid in 9.11 - conjugated - and 9.12 - isolated - linoleic acid).

### Specification:

			According to:
Viscosity acc. to Höppler at 20°C	dPas	max. 3	ISO 12058-1
Acid value	mg KOH/g	max. 4	ISO 660
Gardner colour value		max. 5	ISO 4630
Hydroxyl value	mg KOH/g	max. 25	ISO 4629-2

### Further typical data\*:

			According to:
Iodine colour value		max. 6	DIN 6271
Saponification value	mg KOH/g	186 - 195	ISO 12966
Refractive index at 20°C		1.4820 - 1.4860	ISO 6320
Refractive index at 23°C		1.4809 - 1.4849	ISO 6320
Density at 20°C	g/cm <sup>3</sup>	0.929 - 0.940	ISO 2811-3
Density at 23°C	g/cm <sup>3</sup>	0.927 - 0.938	ISO 2811-3
Iodine value	g Iod/100g	mind. 145	ISO 12966

### Applications:

It is used in the production of high quality air dried and primarily oven dried coatings and varnishes.

### Properties:

ALBERDINGK® Dehydrated Castor Oil is a light, low viscous, non-yellowing and fast drying oil. It improves the gloss, flexibility, adhesion, flow and the chemical and water resistance of the coatings.

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### Storage:

The storage life can be guaranteed for minimum 12 months in tightly locked containers and at a temperature of + 10 °C up to + 30 °C.

A turbidity of the oil due to coldness is reversible and can be removed by heating up to more than 40 °C.

### Remark:

The colour of ALBERDINGK® Dehydrated Castor Oil may darken within the storage time. This is a typical property of Dehydrated Castor Oil which can not be influenced by the production process.

### Safety:

For further information on product safety please refer to the current safety data sheet.

### Notice:

\* General information - the values can not be considered as part of the product specification.