

PRODUCT INFORMATION

WARADUR® B

Product Description

WARADUR® B mainly consists of straight-chained monocarboxylic acids with a chain length in the range of mainly C28 – C32.

General Advantages

High polarity, high hardness, easy to saponify, easy to emulsify.

High effectiveness at low concentrations: WARADUR® B is suitable for the preparation of emulsions that improve fixation and performance of boric acid against wood decay fungi. In combination with montan wax emulsions reduced amounts of boric acid is required to achieve sufficient protection against wood decay fungi (B. Lesar, A. Straze and M. Humar: Journal of Applied Polymer Science 120(3): 1337 – 1345 · May 2011).

Examples of Use

- Technical emulsions, mould release formulations
- Wood protection
- Polishes

Delivery Specifications *

Characteristics	Unit	Target value	Method
Acid value *	mg KOH/g	90 – 120	ISO 2114
Saponification value *	mg KOH/g	135 – 155	ISO 3681
Drop point *	°C	82 – 88	ASTM 3954
Colour	–	pale yellow – yellow	AA 3.2.1.505
Viscosity @ 120 °C	mPas	10 – 15	AA 3.2.1.520
Density	g/cm ³	1.00 – 1.02	Ph. Eur. 2.2.5

Packaging and Handling

Physical form	Flakes
Packaging	Paper bag or Big Bag
Storage	Store at ambient temperature on a dry place. Protect from heat/overheating and direct sunlight. The minimum remaining period is 1.5 years and is defined as the minimum shelf life at the customer. Thereafter, tests of the chemical characteristics are recommended. The maximum shelf life of 5 years is indicated.

Safety

WARADUR® B

- is made from a fossil biological source
- is not classified as carcinogenic, mutagenic or reprotoxic; no health or environmental hazards are known, provided it is applied in industrial and professional settings

For more information, consult SDS.

Delivery Time and Availability

Standard delivery time: 2 – 3 weeks. Preconditions can be met for achieving shorter delivery times on standard products when demanded by the market.

Legislation

Food contact legislation:

- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food

Other legislation:

- REACh, RoHS and CONEG compliant
- Listed in all relevant National Inventories

For further information, please contact application@voelpker.com.