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## ALMIPAL ABA

### TECHNICAL DATA SHEET TL 017/2001

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#### **Product characteristics**

**ALMIPAL ABA** is a blend solution of sodium alkyl-benzene-sulphonate and sodium alkyl-sulphate. It is used in various industrial branches for instance as washing and cleaning agent.

#### **Use**

#### **Product features**

**ALMIPAL ABA** is yellow up to yellow-brown mid-viscous liquid of anion-active properties. Its foaming quality is at medium level.

**ALMIPAL ABA** must comply with these quality signs:

Quality sign	Value	Methodology of setting
content of active substance (%)	28 minimum	ČSN ISO 2271
molecular weight (g.mol <sup>-1</sup> )	335	
ph of 3% water solution	7 up to 9	PN-ZM 017/2001

#### **Product manufacturing**

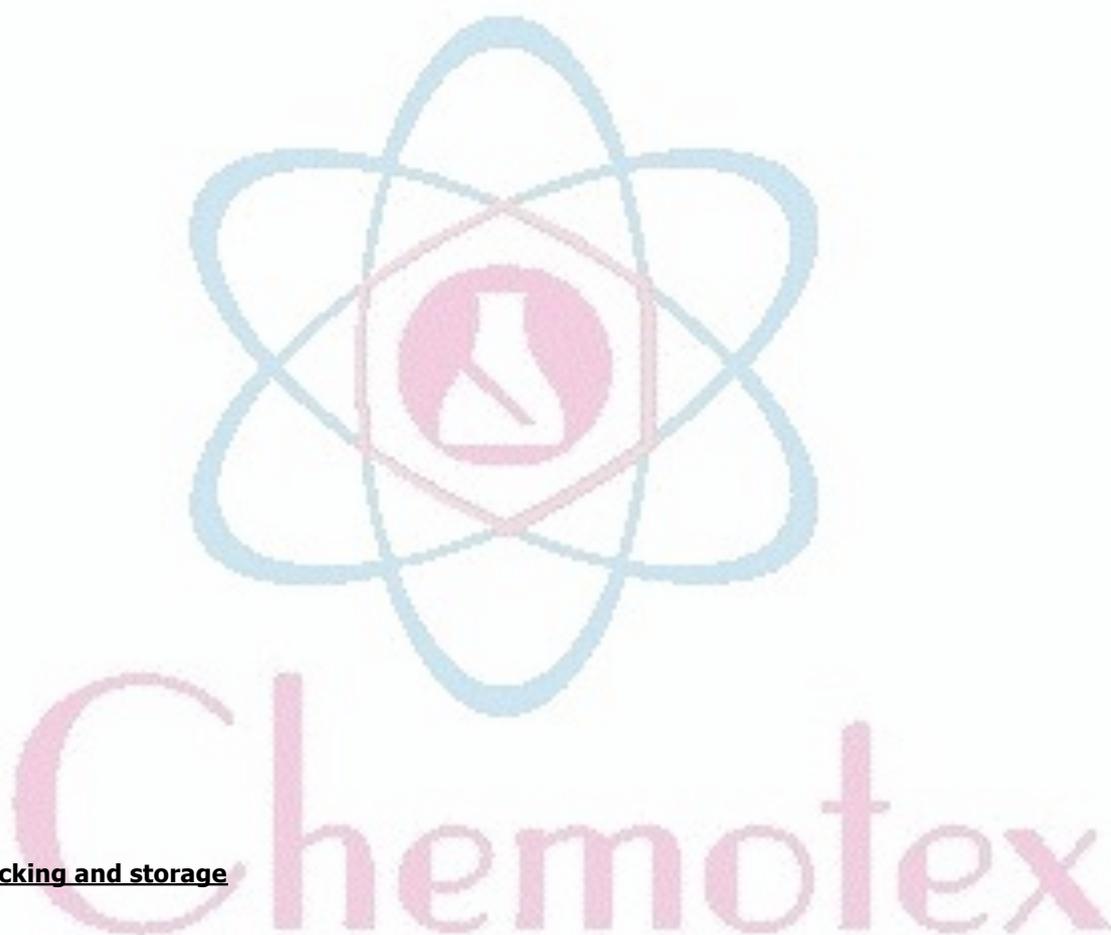
For the basic usage as a surfactant **ALMIPAL ABA** is mixed up with about fivefold quantity of water warm within 30 to 50 °C. Originated solutions are just slightly turbid and adequately stable. Owing to the optimum representation of particular substances in the blend, exquisite cleaning, washing and emulsifying properties of the pigmented and fatty impurities are achieved. Above mentioned properties along with very good biodegradability destine **ALMIPAL ABA** for both industrial usage and formulation of washing and cleaning preparations.

#### **1. Wetting agents' formulation**

As a mixed surfactant, **ALMIPAL ABA** is an appropriate active substance for the preparation of powdered wetting agents for mechanical but even for automatic washing machines. The structure of the used concoction on the drying tower may be as follows:

Almipal ABA	10 up to 12 weight units
Slovapon N	3 up to 4 weight units
Soap	3 up to 5 weight units
Sodium Tri-polyphosphate	30 up to 40 weight units

Carboxy-methyl cellulose	0.6 up to 1 weight units
Sodium silicate	5 up to 9 weight units
Sodium perborate	15 up to 30 weight units
OZP	0.3 up to 0.75 weight units
Enzymes	0.3 up to 0.75 weight units
Water, sodium sulphate	the rest remaining to 100 weight units



### **Packing and storage**

### **Transport**

### **Warranty**

If the product is transported and stored according to the above mentioned conditions, the warranty is 6 months from the date of stock-out.

### **Note**

Data about the product characteristics and its manufacturing were acquired by laboratory measurements and application tests. This technical sheet can only give a legal advice without any obligation. The manufacturing of the product must be adjusted to the specific conditions.