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## Flavol BMK

### TECHNICAL DATA SHEET TL 575/2010

Date of issue: 07.06.2010

Revision date: -

#### Product characteristics

**FLAVOL BMK** is an aqueous solution of cocamidopropyl betaine.

#### Use

**FLAVOL BMK** is used as an antistatic fabric conditioner as well as an additive into cosmetic products. It ensures lowered dermal irritation, high foaming ability and foam stability.

#### Product features

**FLAVOL BMK** is a colourless up to slightly yellow, mid-viscous liquid of an amphoteric property. It can be diluted when stirred by arbitrary quantity of cold or warm water.

**Flavol BMK** must comply with these quality signs:

Quality sign	Value	Methodology of setting
Active substance content (%)	38 up to 42	PN-ZM 575/2010
Sample pH	4 up to 7	PN-ZM 575/2010
Sodium chloride (%)	5 up to 7	PN-ZM 575/2010

#### Product manufacturing

##### **1. Production of synthetic fibres**

1.1 Fabric and flatting preparation for a surface treatment of synthetic fibres, especially those made up from polyester, namely for the fibres of basic type so even the fibres chemically modified: it is applied from aqueous solutions of 0,5% to 5% concentrations by sprinkling or soaking.

##### **2. Textile industry**

2.1 Freshening of woollen and synthetic fibres in spinning-mills:

Dosage: 0,5 up to 2 % of **FLAVOL BMK** and 18 up to 22 % of water from material weight.

2.2 Non-permanent antistatic adjustment of all types of synthetic fibres in an arbitrary stage of manufacturing: for the sufficient adjustment, 0,5 up to 2% application of **FLAVOL BMK** from the material weight suffices. Moreover, it may be diluted by water as required by particular technology to secure the active substance proportion to the fibre.

##### **3. Production of cosmetic products**

**FLAVOL BMK** is amphoteric surfactant with very good dermal tolerance. In relation to products formulations destined for personal hygiene **FLAVOL BMK** is really exquisite. High foaming ability, foam stability and very

good biodegradability are utilized in formulations of shampoos, bathing foams, shower preparations, liquid soaps etc.

### **Packing and storage**

**FLAVOL BMK** is delivered in 50-litre PE cans or in other containers that have been discussed in advance. It is stored in closed containers at the places protected from direct climatic influences. The recommended storing temperature is within +5 to +30 °C. It must not be stored at sunshine not even close to the sources of heat. Storing in the temperatures lower than 0 oC does not have any negative effect on the application characteristics of the product.

### **Transport**

**FLAVOL BMK** is transported in covered vehicles and is not subject to the ADR/RID regulations.

### **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.

