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## ALMIPAL VSM

### TECHNICAL DATA SHEET TL 522/2009

Date of issue: 19.06.2009

Revision date: 15.06.2012

#### Product characteristics

**ALMIPAL VSM** is an aqueous solution of anionic and non-ionic blend of surface active agents.

#### Use

It is used for the production of drugstore products. It is specially destined for liquid preparations which contain abrasive compounds. They secure suitable viscosity of the preparation as well as stability of abrasive compound in the whole volume. It also improves washing, cleaning and degreasing effectiveness of the product.

#### Product features

**ALMIPAL VSM** is yellowish mid-viscous liquid of an anionic character, unlimitedly miscible with water. When the temperatures drop below +10 °C or when stored for a longer time, the solid compound will detach. Nevertheless **when heated up to +40 °C and after subsequent thorough homogenization** the solid compound will dissolve again and the preparation can be re-used without any change of application characteristics.

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

Quality sign	Value	Methodology of setting
Sample pH (%)	7 up to 8	PN-ZM 522/2009
Density at 20 °C (kg.m <sup>-3</sup> )	990 up to 1010	PN-ZM 522/2009
Viscosity at 20 °C	500 up to 3000	PN-ZM 522/2009

#### Product manufacturing

Dosing proportion is dependent on the type of preparation and the concentration of abrasive compound. Usually, 5 % up to 10 % is dosed into the preparation. An appropriate concentration is needed to be tested on a concrete type of preparation.

#### Packing and storage

**ALMIPAL VSM** is delivered in PE cans (50 liters) 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 temperature to store is within +5 to +25 °C. It must not be stored at direct sunshine not even close to any sources of heat. **Protection from the freeze is needed!! When temperature approaches 0 °C the devaluation of the product may be imminent!!**

#### Transport

**ALMIPAL VSM** 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.

