

# LUMOROL K 5240

## Surfactant blend for the formulation of bath preparations and hair shampoos

### Chemical Composition

Combination of anionic, nonionic and amphoteric surfactants

INCI name: Sodium Laureth Sulfate (and) Cocamidopropyl Betaine (and) Disodium Laureth Sulfosuccinate (and) PEG-9 Cocoglycerides

Appearance: colourless to yellow flowing paste

### Typical data

|                    |      |
|--------------------|------|
| Active ingredient: | 66 % |
| Water content:     | 34 % |
| pH value (1 %):    | 6.5  |

### Application

In contrast to individual surfactants the surfactant compounds mainly offer technological advantages like e.g. easy storage and dosage, saving of energy and shorter production periods. Although their concentrations have to be as high as possible these products should not lose their property to be pumped and diluted with water easily.

LUMOROL K 5240 is one of those highly concentrated surfactant mixtures of anionic, nonionic and amphoteric surfactants for the production of well-foaming bath preparations, hair shampoos and other toilet requisite.

LUMOROL K 5240 can also be used as basis for premixed finished products. Final products based on LUMOROL K 5240 maintain their approx. original viscosity even when the product is stored at higher temperatures for a longer periods.

LUMOROL K 5240 is based on vegetable raw materials.

Due to its composition solutions of LUMOROL K 5240 can be easily thickened by addition of common salt. Also other thickening agents like fatty acid alkylolamides (PURTON CFD, SFD) and special thickening agents (OXETAL VD 20, VD 92) excellently thicken any solution of LUMOROL K 5240. In case fatty acid alkanolamides (PURTONs) are used as thickening agents, also the volume of the foam can be increased and its structure modified.

Shampoos with stable, intensive pearlescent or opacifying effect can be obtained by combination with PERLGLANZMITTEL GM 4175 and PERLGLANZMITTEL GM 4055.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

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## Storage

LUMOROL K 5240 should be stored above approx. 10 °C, prolonged storage at lower temperatures will cause increased viscosity and will finally lead to complete solidification. The solidification is reversible by heating to approx. 10 - 15 °C without any quality decrease.

## Methods of analysis

|                    |                     |
|--------------------|---------------------|
| Active ingredient: | 100 % minus % water |
| Water content:     | DIN 51777           |
| pH value:          | DIN 19268           |

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