

AMPHOTENSID B 5

Amphoteric surfactant for the formulation of hair shampoos and bath preparations

Chemical composition

Fatty acid amidoalkyl betaine

INCI name: Cocamidopropyl Betaine
CAS No.: 147170-44-3

Appearance: yellowish liquid
Ionic character: amphoteric

Typical data

Solids: 46 %
Active ingredient: 40 %
Water content: 54 %
Sodium chloride: 6 %
pH value (original product): 5.0
Density (20 °C): 1.07 g/cm³

Application

AMPHOTENSID B 5 is a well compatible amphoteric with betaine structure. It can be combined with anionic, nonionic and cationic surfactants.

AMPHOTENSID B 5 is used in hair shampoos, shower and bubble baths.

Skin compatibility of ether sulfate based preparations can be improved by addition of AMPHOTENSID B 5. In hair shampoos, AMPHOTENSID B 5 furthermore facilitates combing and improves the feel of the hair.

AMPHOTENSID B 5 has a good lathering power even in hard water. In combination with ether sulfate, AMPHOTENSID B 5 improves the thickening and the lather structure of final formulations.

Storage

After a longer storage period, the product may show cloudiness which can be removed by gentle heating and stirring without any quality decrease.

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.