It is known that the synthetic cleaning-detergents are the basic mixtures consisting of surface-active substances, bentonite clay and activating additions. Owing to appearing of cleaning detergents as paste, bentonite clays are widely used in life for a long time. The development of new recipes of detergency-cleaning compositions on the basis of bentonite clays taken from activating additions acquire detergency-cleaning capacities.

Detergency-cleaning compositions were prepared on the basis of sodium alkylbenzene sulfonate, bentonite clays of Azerbaijan, Dashsalakhlinsky and Nakhichevan deposits and polypropylene glycol (prepared as a result of rectification of propylene glycol).

The recipes of detergency-cleaning preparations for life purposes as paste have been worked out; in this case the initial components were changed as follows:

- Sodium alkylbenzene sulfonate - 3-10%
- Tripolyphosphate - 6-12%
- Bentonite clays - 56-70%
- Polypropylene glycol - 10-15%
- Sodium Sulphate - 0-8%
- CMC - 1%

The recipe of composition with content of sodium alkylbenzene sulfonate 8%, tripolyphosphate 5%, bentonite clay of Dashsalakhlinsky deposit 70%, Nakhichevan deposit 66%, polypropylene glycol 10% and sodium sulphate 6% has the best tension. Wetting and foaming capacities of the prepared compounds are very low.

Surface tension of 1% aqueous solution of the prepared cleaning composition is changed within the limits of 55-66 mH/rn.