

# Soap and soap powder.



***«Oh, you nasty, Oh, you dirty,  
Unwashed pig!  
You are blacker than  
chimney-sweep,  
Look at yourself :  
You've got shoe polish on neck,  
You've got blot under your nose,  
You've got such hands,  
That escaped even the pants,  
Even the pants, even pants  
Run away from you ...»***



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# Soap

Liquid or solid product, containing surfactants, in conjunction with the water used either as a cosmetic - for cleansing and skin care products (soap), or as household chemicals - detergent (laundry soap).

surfactants - поверхностно-активные вещества

liquid - жидкость

solid - твердый

conjunction - совместный

detergent - моющее средство

laundry - прачечная



*When did people start to use soap?*

*What kinds of stains are on clothing?*

*stains - пятна*

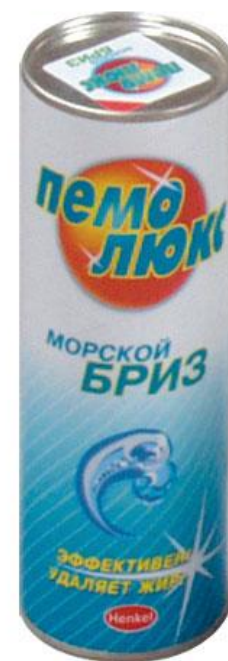


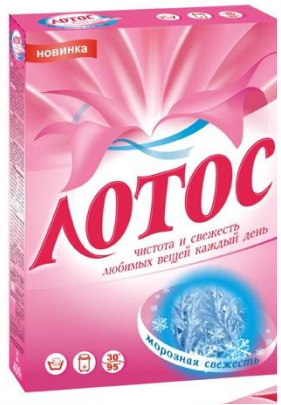
# ***The concept of synthetic detergents and washing process.***

***The first SMS has appeared only in 1916. The invention of the German chemist Fritz punter was meant only for industrial use. Domestic SMS issued since 1935, when they become less harmful to the skin.***



***Since then, developed a series of SMS narrow purpose, and their production - is a major branch of the chemical industry.***





*Not the last in the list of household detergents take.*

*Wash - the most time-consuming process in our everyday life. But aides in the wash are surface-active agents (surfactants).*



# **The cleaning process was to ensure the 3 stages:**

**separation of mud particles from the surface being cleaned,**

**transfer of water-insoluble mud particles in the solution,**

**retention of these floating particles in the detergent solution, i.e. prevent resorption.**





The background is white with scattered pink circles of various sizes, some with smaller circles inside, and pink star-like shapes. A faint, stylized illustration of a plant with large, round, pinkish-purple flowers is visible in the lower-left corner.

*«Long live the scented soap ,  
And the fluffy towel,  
And the washing powder .....»*

*Thank you for your attention, all the best.*