in a fluid bed dryer. In addition, air separators (such as fan) can be used to remove dust classes, but this is hardly advisable due to the increased cost of production and the difficulty of disposing of the product obtained. You can do the other way: the resulting product is treated with saline, for example the bottom of the distillation column) and sent to the warehouse. After some time, the resulting mass will dry out and, due to caking, you will get a granulated product that can be loaded into a sand spreader and which will improve the adhesion properties of the road.

This scheme can be improved. On the road, in addition to sand, salt and snow, there may be spilled oil products – gasoline, oils and other technical liquids. Therefore, in a distillation column, you can raise the temperature and make taps from different plates. Depending on the composition of the water received for processing, to obtain regenerated oil products. But this is true for those cases where the incoming snow is sufficiently contaminated with petroleum products (for example, near gas stations or car service stations).

If there is nothing of that, then the scheme can be simplified by eliminating the distillation column from it, by letting the vapors leaving the evaporator through the condenser-refrigerator, directly into the distilled collection.

Conclusions. The proposed method of disposal of snow from city streets deserves attention and can be implemented after relevant research.

COLLOIDAL SILVER IN COSMETOLOGY

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Introduction. Even at the dawn of the twentieth century, many cosmetic companies became interested in the miraculous properties of colloidal silver and seriously thought about using it in their products. This drug has found a truly wide application in face skin care products.

Aim. Exploring scientific references, describe the use of silver in cosmetology and its effects on the skin of the face.

Materials and methods. Review of scientific literature.

Results and discussion. Colloidal silver is the purest liquid, purified from solid mineral particles by a special innovative technology.

In a colloidal solution, the active metal particles are evenly distributed in the liquid, forming a kind of matrix, which enhances its antibacterial and anti-inflammatory effect. The solution has an exclusively natural origin, does not cause allergic reactions and addiction.

The colloidal solution can even destroy such strong bacteria as staphylococcus, salmonella, E. coli and other pathogenic bacteria and viruses.

Since silver is an antibiotic, it is able to stop the development of bacteria cells, suppress their reproduction and prevent possible inflammatory processes and skin fading. This is especially beneficial for skin prone to inflammation.

Silver nanoparticles stimulate the regeneration of old cells and activate the growth of new ones at the deep cellular level. And for acne and acne, acne and acne marks – a colloidal solution of silver is a real salvation.

Cosmetic products that contain silver: Colloidal silver, Argonika, Argolife, Poviargol, Silver Nitrate, Silver Sulphate.

Conclusions. Exploring scientific reference books, encyclopedias and sites with scientific literature, we described the use of silver in cosmetology and its effect on the skin of the face.