

What is glycerin, what is the use of glycerin?

Glycerin is a chemical compound that is applied a lot in everyday life. So what is glycerin?

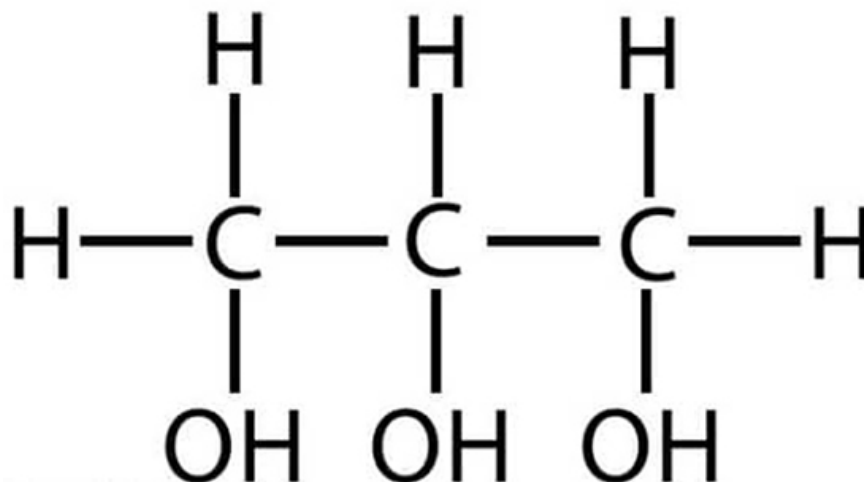
In self-made dry hand sanitizer according to WHO guidelines that TipsMake.com introduced you to mention glycerin compound. This compound, even though you hear the name may be strange, but in fact it has been applied a lot to everyday life, especially in the field of beauty. So what is glycerin and how does it affect the user?

What is glycerin?

Glycerin is a colorless, odorless, and odorless, trihydroxyal alcohol made from plants . Glycerin is an intermediate made up of carbohydrate and lipid metabolism. This compound is used as a solvent in pharmaceutical cosmetic manufacturing technology.

Glycerin also absorbs moisture from the surrounding air by absorbing moisture and helping to retain moisture in the skin, suitable for all skin types and ages. The chemical formula of glycerin is $C_3H_5(OH)_3$. When applied to life, glycerin is combined with other substances to form preparations, not used as single substances.

Glycerol (Glycerin)



Glycerin effect

1. Moisturizes and softens skin

Because glycerin contains 3 -OH groups, it will minimize dehydration, keep moisture in, prevent dryness and peeling of skin.

2. Protect user skin

Some product lines contain glycerin to form a sunscreen product, blocking the radiation of UVA - UVB rays. In addition, some companies also combine glycerin to produce acne products, protect inflamed skin, and cleanse the face because it can maintain hydration and prevent skin irritation during cleaning. .



3. Use in food industry

1. Glycerin is a sweetener used in foods, low in calories, does not increase blood sugar, does not cause tooth decay. Used in low-fat bakery products.
2. Glycerine is used as a humectant, gloss, and preservative for foods and beverages.
3. Glycerin is used in the manufacturing technology of fats and margarine.
4. Glycerin is used in tobacco manufacturing technology.

However, when using, users also need to pay attention if using glycerin on the skin, the mixture should not exceed 10% to avoid the risk of skin irritation, usually ranges from 2% to 5%. If the outside environment is hot and dry, the air is below 65%, then glycerin can cause reverse moisture desiccation. The compound will then absorb the moisture on the surface of the skin due to the low humidity of the air causing dryness. The recommended moisture content is more than 70%.



For people with a glycerin allergy it can lead to itching, rashes and acne. Avoid contact with glycerin, which will cause irritation. So when using glycerin, you need to follow instructions, indications from experts or doctors.

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