

# Do-it-yourself liquid for a smoke machine

In this article I will tell you how to make your own smoke liquid using ordinary distilled water and medical glycerin. There are cases when there is no branded liquid at hand, but you need smoke right now, and there are other cases when the owner of the club ~~bigger~~ wants to save on the smoke of liquid driving a new Bentley. Well, before that before you start make sure that you have a smoke machine or a phaser, you will find the differences in [article about smoke machines](#). Well, let's step back from the lyrical part, let's get down to business. If you don't have a smoke machine yet, then you can look at inexpensive options with [aliexpress](#).

## Brand of glycerin for liquid

Remember! It is important to **ALWAYS** use **DISTILLED WATER**. About 10 fillings with ordinary water will lead to scale, and an even more difficult situation on the walls of the evaporator.

The best brand of glycerin for a smoke machine is **\*\*PK-94\*\***. It is the purest glycerin, highly soluble in water. Other brands D-98, T-88 and others used in confectionery were also tested. **\*\*PK-94\*\*** is the best for smoking.

## Composition Smoke Fluid

The composition was also studied on purchased canisters with branded smoke liquid:

- \* 80% Distilled water
- \* 15% Glycerin
- \* 5% Alcohol (10% vodka =))

## Where to get glycerin



Glycerin can be found in any pharmacy, it is sold in free form and is inexpensive.

There is a good option, buy [on ali 6 kg of glycerin](#). already super purified. Such a canister is enough for approximately **40-50 liters of distilled liquid**.

## Selecting the desired smoke density

The more glycerin in the mixture, the thicker the smoke will be. But make sure it's at least 65% distilled water. Here are the approximate ratios I use:



- ● **65% water and 35% glycerin for very thick fog**
- ● **75%-80% water and 25%-20% glycerin for regular mist**
- ● **85%-90% water and 15%-10% glycerin for light mist**

If you put too much glycerin into the mix while looking for the thickest smoke, you may not get it at all. Also, if you pour liquid into the smoke of a car and you smell an **unusual burning smell**, then you put in **too much glycerin**. If this is your first time doing this, start with the usual 25% glycerin blend. This was my first successful smoke liquid and I use this ratio.

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## Tips

It should be remembered that the more glycerin, the more it flies in the air. He settles on everything, you should not smoke the room much.

To clean the scale, warm up the smoke machine thoroughly, mix 13% vinegar and 1 liter of distilled water and drive the machine through the smoke.

## Flavors for smoke liquids

Add flavors at your own risk. Flavors from electronic cigarettes are good. The main thing with this case is not to overdo it. I usually completely empty a 50ml bottle of cigarette flavor. It turns out a barely perceptible not annoying pleasant aroma. In my experience, it is better to use less sweet apple, **blackberry**, raspberry flavors.

**Important!** Don't buy flavored oil, or oil-based liquids, you can permanently ruin your smoke machine.

If the smoke machine is clogged, or the smoke density and intensity is low, try cleaning the [smoke machine with a cleaning solution](#).

## Savings

Here is such a canister for 26 liters of PK-94, with VERY intensive use, you will have enough for **six months** .



- Canister 6 liters ~ 3600 rub.
- Distilled water 20 liters ~500 rub.
- Vodka 2.6 liters

Saving 4-5 times on liquid smoke.

[liquid](#), [smoke](#), [machine](#), [do](#), [it](#), [yourself](#), [smoke](#), [liquid](#), [mix](#), [smoke](#), [glycerin](#), [distilled](#), [water](#), [for](#), [smoke](#), [machines](#)

Manufacturers and sellers of the liquid will tell you not to mix with your own hands, or the original liquid is specially made for **smoke machines** , you will kill the smoke machine. **It all depends on the proportions!** . In fact, there is no secret, they are preparing it

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