



# Home Made Energy

## How to Make Ethanol Fuel

By Alexander DeHetre

[More Resources](#)





# Home Made Energy



*Make Sure you  
get your License!*

In this presentation you will learn the basics about home ethanol production.





# Home Made Energy

Step 1: Acquire a [license](#) for the distillation of ethanol fuel.





# Home Made Energy

## Step 2: Gather Equipment

A container (any size)

Fermentable materials (preferably fruits)

Yeast (preferably Distillers yeast, or  
Wine yeast)

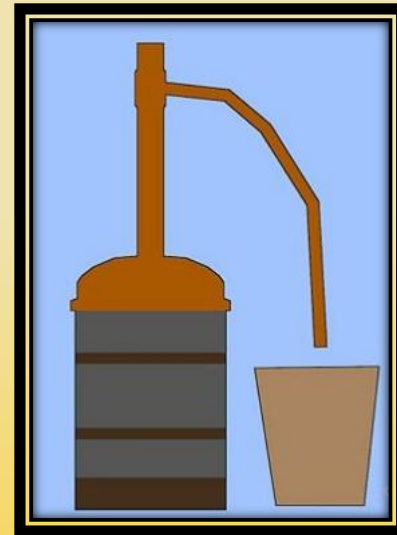
Hydrometer

A Reflux Still (you can buy one or make  
one yourself)

Fuel Filter (if necessary)

Containers to store ethanol

Gasoline (to mix with the ethanol)





# Home Made Energy

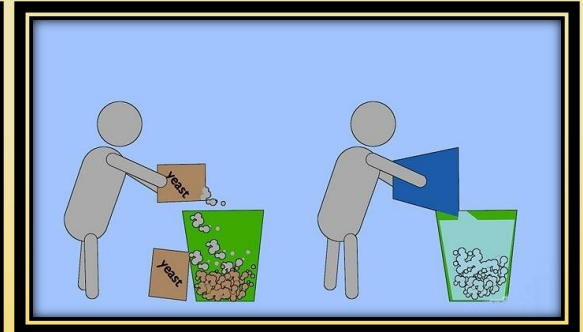
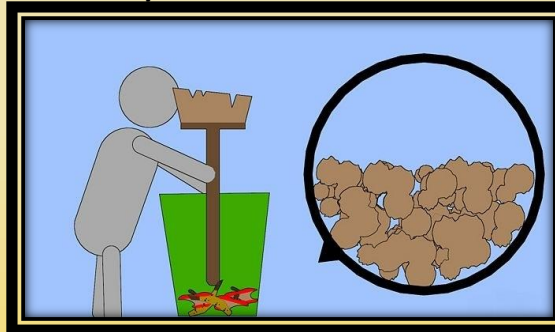
## Step 3: Add Fruit, Water, and Yeast into container (any size).

1. Add fruit to the container until it is 1/3 full.

2. Mash fruit into a mush.

3. Add yeast.

4. Fill container with water.





# Home Made Energy

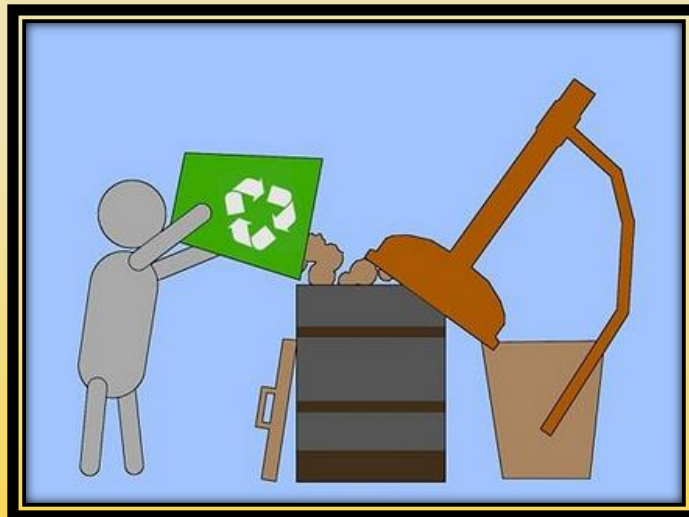
Step 4: Let the ingredients ferment.





# Home Made Energy

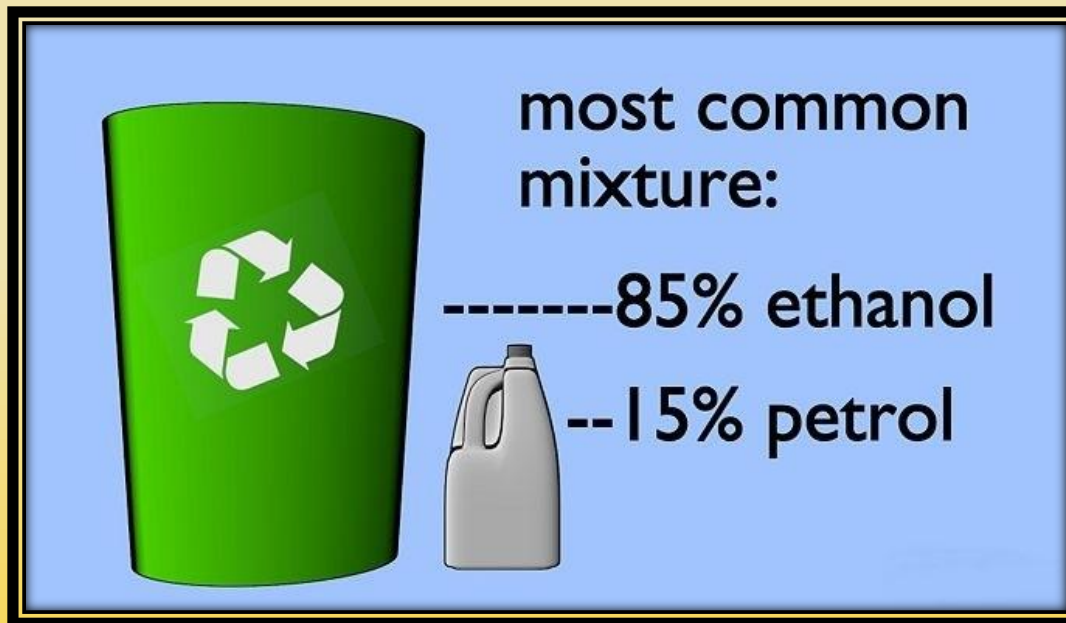
Step 5: Distill the Mash. Filter water from the ethanol (if necessary)





# Home Made Energy

Step 6: Mix Ethanol with Gasoline.



most common mixture:

- 85% ethanol
- 15% petrol

The diagram shows a green recycling bin on the left and a white jug on the right. A dashed line connects the top of the jug to the text '85% ethanol', and a solid line connects the bottom of the jug to the text '15% petrol'.

