

Smog is a heterogeneous mixture of various particles suspended in the air. The dirty particles that make up the **smog** can be removed from the air and breathed into the lungs, making **smog** quite a problematic heterogeneous mixture.

[What Causes Smog? - YouTube](#)



[The science of smog - Kim Preshoff - YouTube](#)



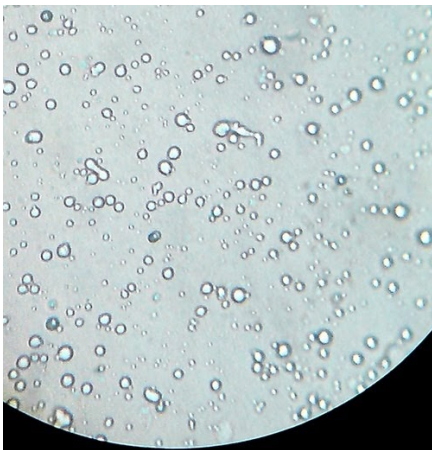
Any gas mixture is a solution, that is, a **HOMOGENEOUS mixture**. Of course, in practice air contain very small solid particles in suspension (dust, pollen) and thus it becomes heterogeneous. Since we can see the dust particles in the air so it is cleared that they are not dissolved in the air.

This is an image of milk



What do you notice?

under a microscope



What do you notice?

Now read Page 106 together

-These are fat globules.

<https://www.youtube.com/watch?v=NoMeoMygVy0>

Years ago they did not homogenized milk and this would cause for the fat to float to the top of the milk, leaving a layer of yellow cream.

Today's milk is homogenized

Homogenized- specially prepared so that the fat globules remain mixed with the rest of the liquids.

So milk appears homogenous with the naked eye but with the help of a microscope you can see it has other pieces.