

# Lava Lamp

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Directions:

1. Fill a bottle with  $\frac{1}{4}$  water.  
(make sure to keep the bottle cap)
2. Add 12 drops of food coloring.
3. Fill the rest of the bottle ( $\frac{3}{4}$ ) with vegetable oil.
4. Watch the oil and water separate.
5. Drop  $\frac{1}{4}$  to  $\frac{1}{2}$  of fizzy tablet (alka seltzer or berocca) into the bottle.

Why does this happen? The chemicals in the fizzy tablets react with the water to make carbon dioxide gas which makes the bubbles. The bubbles float to the top of the bottle.

Happy Science Week 2017! Parents should always supervise young children when conducting experiments

[https://www.youtube.com/watch?v=cnbjsF52x\\_M](https://www.youtube.com/watch?v=cnbjsF52x_M)