

Whoosh Bottle

A fiery demo about chemistry and pressure. In the whoosh bottle demo you add 15ml to a large water container and then spin the bottle around to spread the methanol around the inside of the bottle. Once the liquid is evenly spread, the gas will evaporate and fill the bottle. Now, set the bottle upright on a solid surface, light a large match and drop it into the top of the bottle. This will result in a large pillar of flame and a loud "Whoosh". You can then explain that the construction of gas through the small opening at the top causes the jet of hot gasses to leave the bottle extremely fast.

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