

# Download Why Methane Is Collected By Downward Displacement Of Water

This is called collecting over water, or displacement of water or pneumatic trough collection. Ex 6. Method for preparing and collecting a gas of any density by reaction Ex 6. Yahoo India Answers Sign in Mail ? Help.

Account Info; Help; Send feedback Methane gas is collected by downward displacement of water Because it is insoluble in water and is lighter than air. Hope it is helpful if so plz mark as brainliest. This process, by the way, is called "collecting a gas over water" and is very useful for hydrogen gas or oxygen gas. But you would not want to collect CO<sub>2</sub> or NH<sub>3</sub> over water. Both CO<sub>2</sub> and NH<sub>3</sub> are very soluble in water. You would only get any displacement of water when the solutions became saturated. Find out if SO<sub>3</sub> gas can be collected over water.