

Foam volcano

Donnerstag, den 04. Oktober 2012 um 11:42 Uhr



Extreme eruption home edition

Material:



- hydrogen peroxide,
- potassium manganate (VII) (available in pharmacy),
- dishwashing liquid,
- beaker of water,
- pincers,
- flask.

Instruction:

Hydrogen peroxide is a colorless and odorless liquid, having a density slightly higher than water. Is corrosive and used as a strong oxidizing agent in the chemical industry. It is used widely in the production of a number of organic dyes, as initiating explosives in the production of peroxides such as acetone peroxide.

Pour washing liquid into a container with a narrow neck. Then carefully pour peroxide.

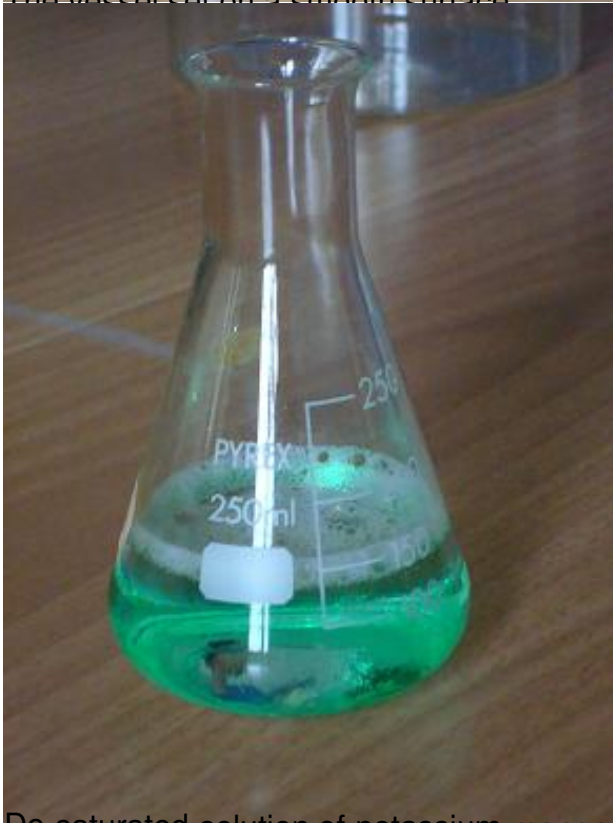


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The vessel set on a smooth surface



Do saturated solution of potassium manganate -add a few crystals to the water.

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Pour fast a small amount of potassium permanganate solution.



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Stormy reaction begins, which will result in production of large quantities of foam.



Explanation:

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Hydrogen peroxide is decomposed by the enzyme catalase into water and oxygen. That's why

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