

In the name of God, the Most Gracious,

the Most Merciful Al- Saqri Foundation for Military

Sciences presents



## Method of preparing detonation capsules:

# HMTD

There is a substance called carboxide peroxide and it has other names such as (urea peroxide or carbamide peroxide) and this substance is used to filter water and is also used in teeth whiteners. Despite the failure of our attempts to produce acetone peroxide "mother of Satan" from it, but we found that it works in preparing HMTD detonation capsules. The method of preparation is easy and allows the production of a number of detonation capsules.

### the required materials:

- carboxylic peroxide. ●
- Hexamine (white coal) Citric acid ●
- (lemon). ●

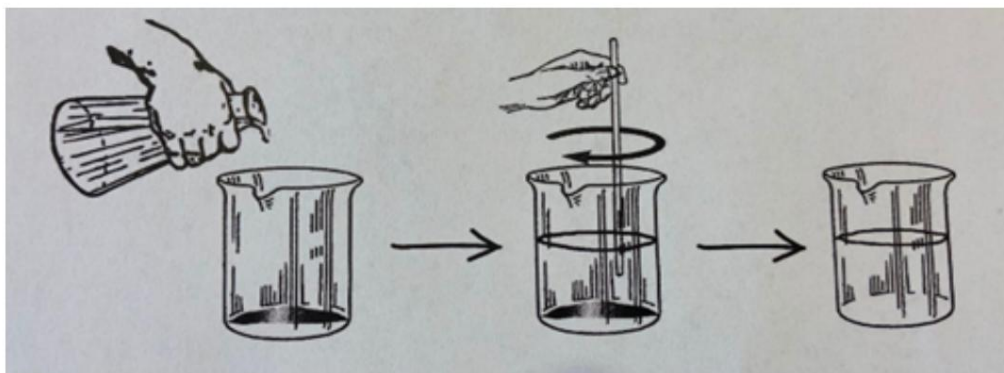
**Required equipment:**

- 500ml flask (heat-resistant glass jar) Heating surface Coffee
- filter paper
- (used in home western coffee makers) Glass stir bar Funnel.
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**processing:**

**Step 1:** Add 35 grams of solid carboxylate peroxide to the 500ml beaker.

**Step 2:** Add 70ml of water to the peroxide. Mix well until all the solid is dissolved.

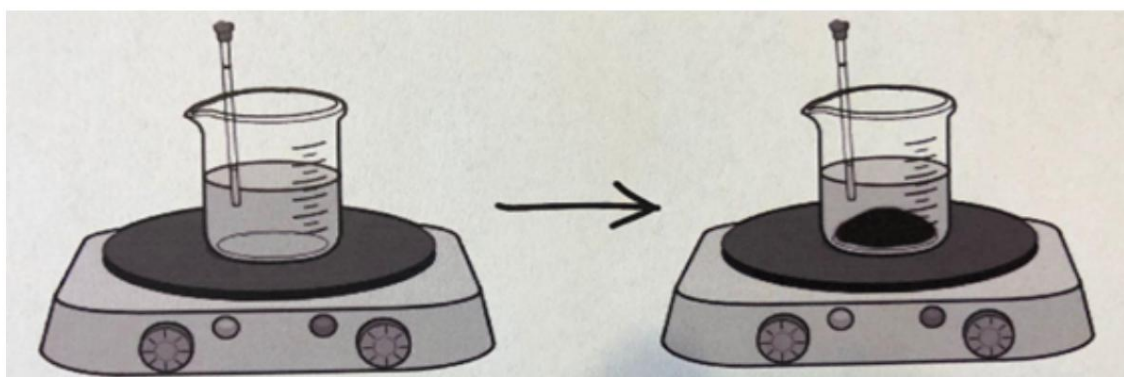


**Step 3:** Add 8g of hexamine to the beaker and stir again until dissolved.

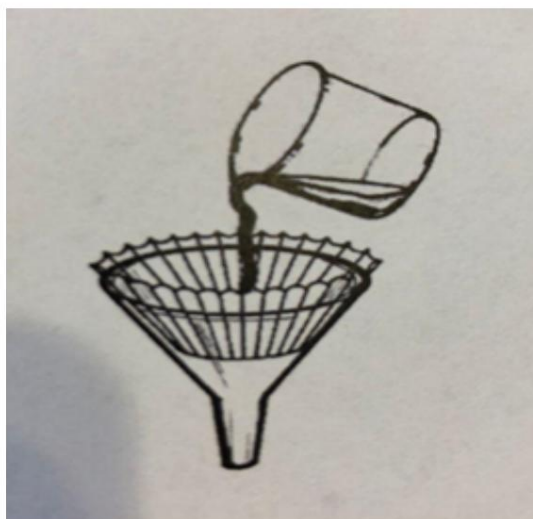
**Step 4:** Slowly add 65 grams of citric acid to the beaker, the acid will cause a reaction between the peroxide and hexamine, add 10 grams at a time and stir until dissolved. Repeat until all the acid is dissolved.

**Step 5:** When all the solids are gone, place the flask on the heating surface, heat the solution until its temperature reaches

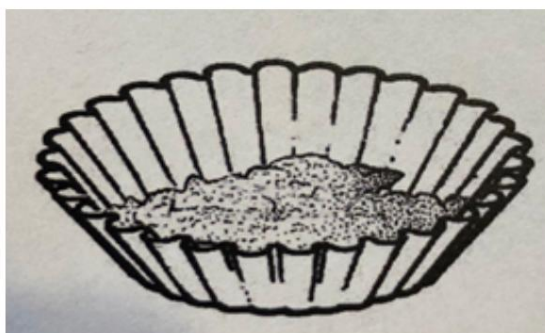
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**Step Six:** Put the coffee filter in a funnel. Pour the solution through the filter and collect the white solid, wash the solids with 50 ml of cold water.



**Seventh step:** Take out the filter paper from the funnel and let the white powder air dry, when the powder does not stick to the filter paper and becomes dry. Dry powder should be handled with care as it is very sensitive.



ready to be put into a tube to make a primer. Use 3 grams of HMTD per detonator. When the HMTD has dried, it is

God is the guardian of success

Al-Saqri Foundation for Military Sciences

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