

LEARN with DAWN

You too Countryman, can be a Freedom Fighter

The murderers of Saul Mkhize, Hector Petersen and countless other victims of Soweto, Sharpeville, Langa, Bulhoek, Mdantsane, shot to kill. They were cold-blooded and inhuman. With the same callousness that drives the Pretoria cutthroats to lunatic plunder and carnage, they are destroying villages and homesteads in parts of Mozambique, taking pot-shots at innocent Basotho and breeding bandits for subversive ends from across the border. The Botha-Malan regime rules by the gun. We have come to learn through bitter experience that the gun in the hands of the boer-fascist bullies is an instrument of human destruction and untold coercion, a tyranny enforcing device.

The time has long come for you countrymen to learn the manipulation of guns for the purpose of making your voice louder, making your political demands more boldly and effectively.

The gun in the hands of an oppressed people should be used as an instrument of political struggle for political ends, for the conquest of a free and democratic South Africa where the rule of law will aim at the welfare of the people and the benefit of social progress. You of the

down-trodden must know how to manipulate the weapons that are used to press your people down to positions of humiliation. Know how to make each bullet count so that those butchers of Matola and Maseru, the villains that came for Solomon Mahlangu, Marcus Motaung, Jerry Mosololi and Simon Mogoerane's lives with noose and cold-bloodedness should reap the fruits of their evil seed.

Combine our everyday struggles around local and national issues that affect our daily lives, rejection of the farcical political schemes of the enemy such as the Presidential Council, bantustans, etc. Confront the enemy on all fronts and forge an unprecedented mass political offensive. Seek out for our People's Army and swell its ranks so that the van of this, our struggle, the spearhead of revolutionary armed struggle, should cut deeper across all sorts of apartheid fortifications. Umkhonto we Sizwe will continue to play its part in the front ranks of the people's defence.

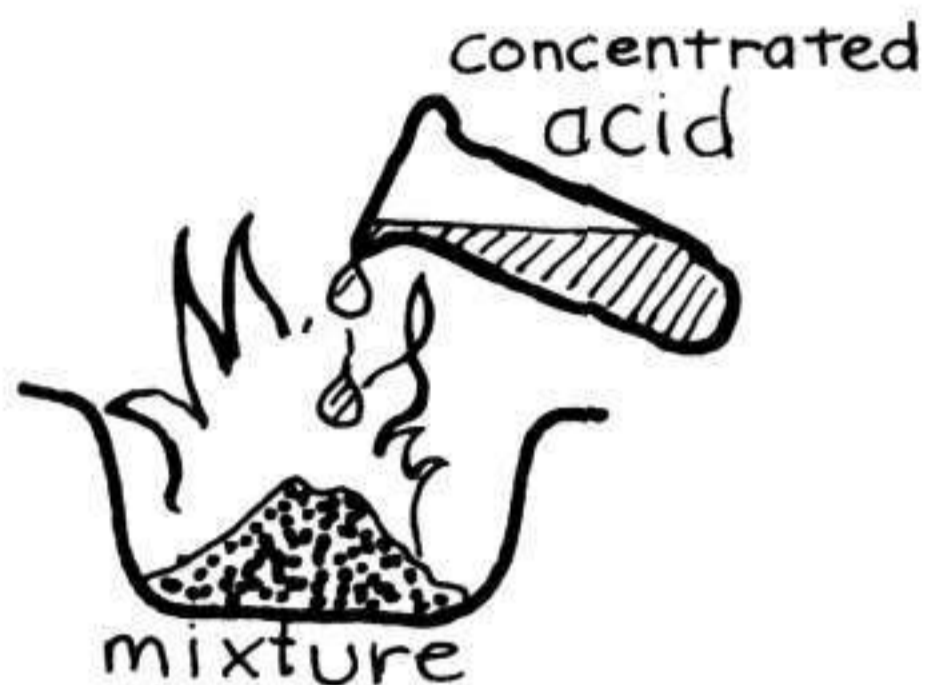
Learn with Dawn how to help augment the armed might of popular struggles. In this issue we give some instructions on the manufacture of the *self-igniting petrol bomb*.

THE SELF-IGNITING MOLOTOV COCKTAIL

For this you need to know little simple
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chemistry. Fire bombs require air to burn but the oxygen of the air can be trapped in certain chemicals, such as potassium

chlorate or sodium chlorate (common weed killer). Mix equal parts of chemical and sugar. When concentrated sulphuric acid is added, the mixture bursts into flame. We call this mixture a *primer*. A primer detonates or activates a main charge.



A primer is an in-between stage. When the acid comes into contact with the mixture there is an explosion which gives off a lot of heat. The more chemical, the greater the explosive force. The more sugar, the more heat.

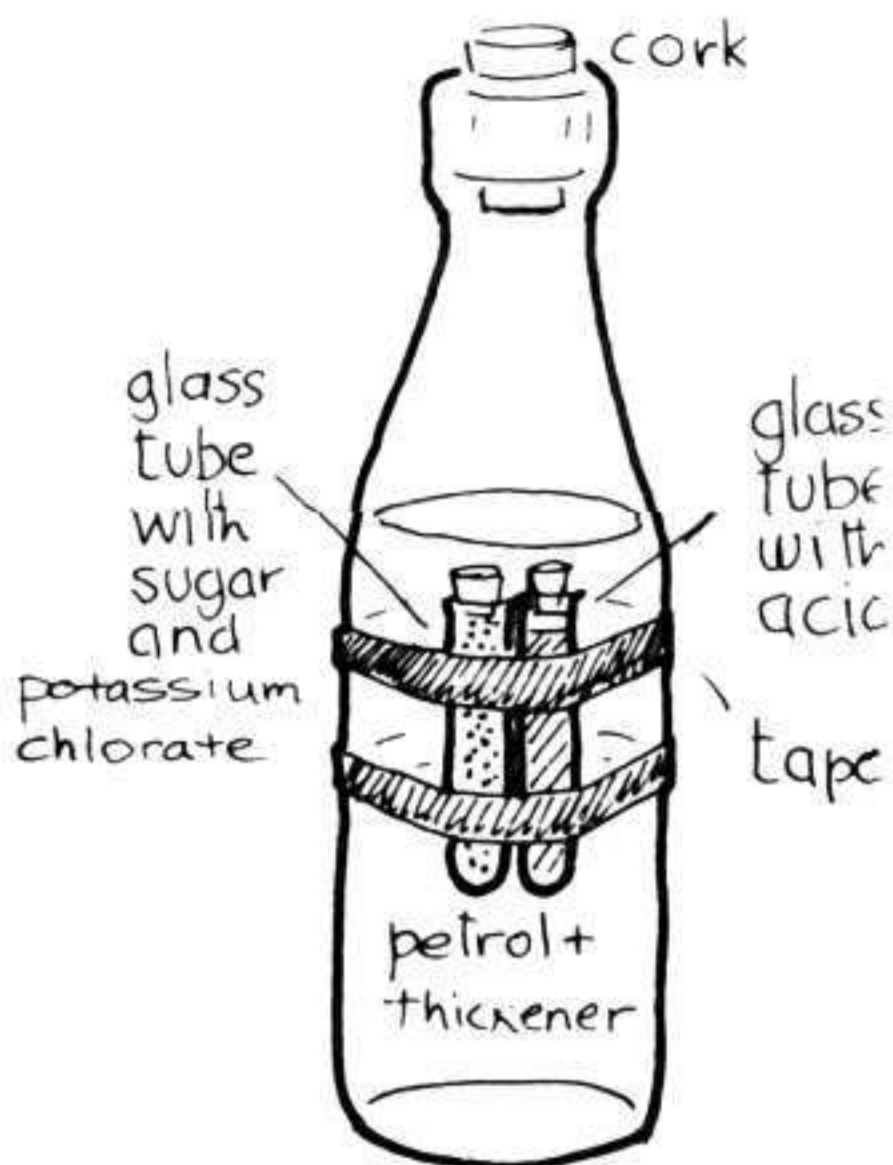
HOW TO MIX

Potassium Chlorate is not difficult to obtain. You can make an igniter for your petrol bomb by taping a glass tube of potassium chlorate and sugar to the bottle. Next to this tube place a tube filled with sulphuric acid. The bottle is firmly corked. When it is thrown and breaks, the acid will ignite the mixture.

NOTE: You must use *concentrated* sulphuric acid. This acid is also used in car batteries but is diluted with water so it will be too weak for this purpose.

When mixing, follow these steps carefully:

(a) Take care. With an explosive or incendiary mixture the separate chemicals and ingredients must first be carefully



- grinded into a fine powder and then mixed together. If you fail to do this properly the mixture will not work.
- (b) Chemists use a Pestle and Mortar for grinding powder. This works well and there is no danger of causing sparks through friction. You must not use metal tools, as these can cause heat. If you cannot get a Pestle and Mortar or something similar, use clean hard stones to grind the powder. Use a wooden or ceramic bowl or box.



PESTLE AND MORTAR

- (c) When the separate ingredients are ready, mix them gently together. Mix them in a paper bag. Stir the powders together with a wooden spoon or stick. Avoid causing friction. You must make sure the ingredients are thoroughly mixed together. Shake the mixture up in the bag several times.



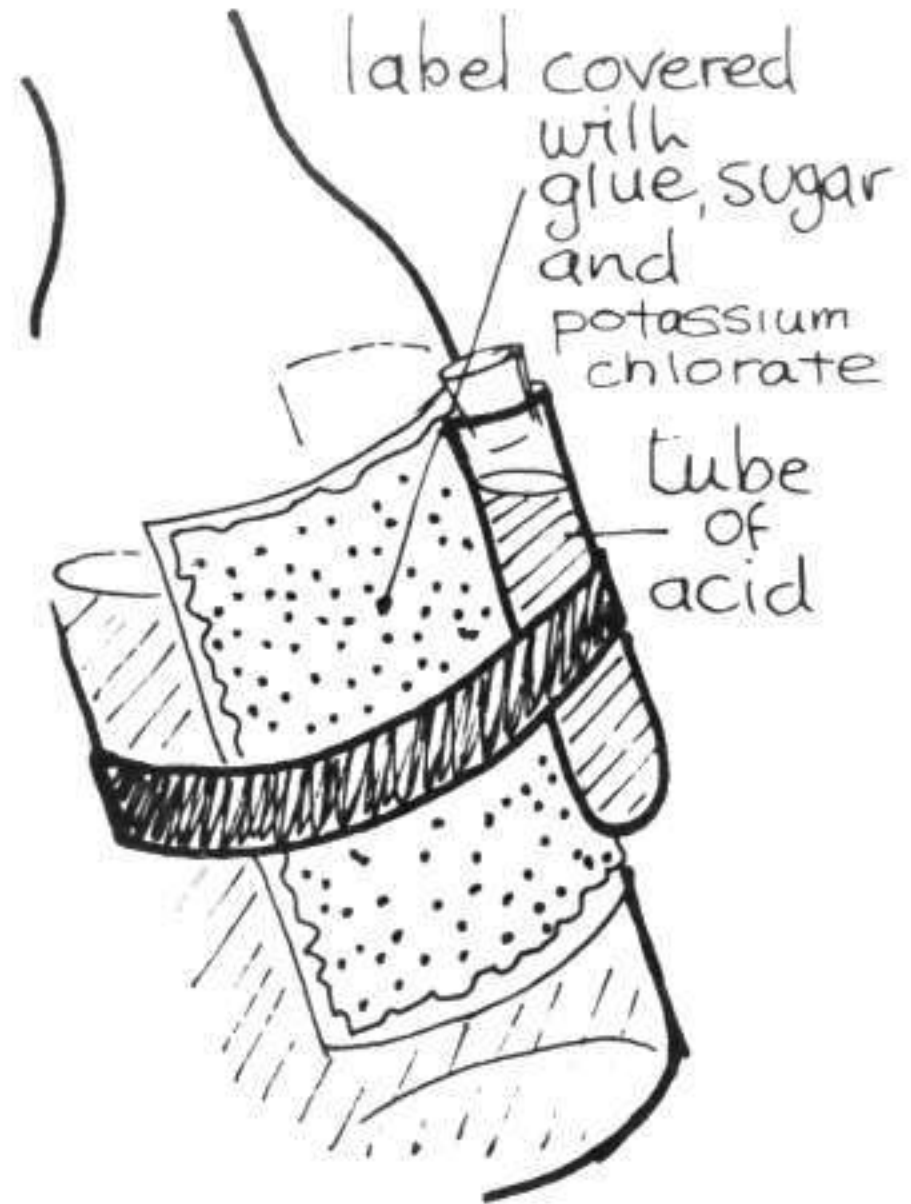
- (d) Test a small sample of the powder a safe distance away from where you have been working. If you do not get a good reaction, you probably need to carry on mixing the ingredients.
- (e) Do not store mixed chemicals. After mixing and testing a small sample successfully, they should be used on their targets immediately.

SAFETY WARNING

Take care when handling and pouring acid. It can burn you badly and can suddenly ignite chemicals sensitive to it.

Another way of making an igniter is by taking a gummed label. Smear glue on the ungummed side. Sprinkle potassium chlorate and sugar mixture on the glue and allow to dry. Stick label firmly on the bottle, using the gummed side. Fix single glass tube of acid to bottle, so that when glass tube and bottle break, acid will ig-

nite mixture.



Make sure that the outside of the glass tube is free of acid. Wipe it carefully with a damp cloth. If there is any trace of acid on outside of tube it will instantly ignite the chemical on the label. Carry the Molotov with care so that the acid tube does not break.

HERE IS ANOTHER METHOD:

Mix two parts of petrol and one part of sulphuric acid. Take a piece of paper, approximately 4 cm squared and in the middle of it put one teaspoonful of potassium chloride and paste it (paper) with glue on the middle (outside) the bottle. Close the cap of the bottle tight and shake well before throwing to the target. When the bottle hits the target and breaks, it will burst into flame because the mixture of sulphuric acid and petrol ignite potassium chloride. This method is called *non-contact*.

THINK CLEARLY! KEEP COOL AND CALM! NEVER RUSH THINGS! ESPECIALLY WHEN HANDLING EXPLOSIVES!