

AIR FRESHNER

MATERIALS NEEDED QUANTITY(LITRES)

1. Water 10
2. Perfume $\frac{1}{2}$
(Ambipour, marine sport, Blue water, sindi-Any of the three)
3. Menthol 2Ts/2wraps
4. Texapon $\frac{1}{4}$
5. Methanol $\frac{1}{2}$
6. CMC/Catalyst (Soak CMC for 2days but catalyst can be used directly) $\frac{1}{4}$
7. Colour 1 rap

PRODUCTION PROCEDURE (To every addition, stir thoroughly, in one direction)

1. Pour the perfume into a bowl
2. Add texapon to break the oil before adding water (Texapon makes the perfume water soluble)
3. Dissolve the menthol in the methanol, ensure that it dissolves properly and mix together
4. Add catalyst or CMC into the situation
5. Dissolve colour in 3litres of water and add it to the mixture
6. Add the remaining 7liters of water and mix for 10 minutes

BLEACH

MATERIALS NEEDED QUANTITY(LITRES/UNITS/KG)

1. Water (H₂O) 25
2. Chlorine (H.T.H) 1
3. Soda Ash 1
4. Caustic Soda (NAOH-optional) $\frac{1}{2}$

COMPOSITION

1kg of soda ash and 1kg of H.T.H (chlorine) is one set of bleach that should be used with 25ltrs of water.

PRODUCTION PROCEDURE

1. In a clean container add H₂O
2. Dilute caustic soda in water (not water to caustic soda). Mix this in the open to avoid inhalation of toxic fumes and wear gloves and protective clothing.
3. Add Chlorine into your solution and stir very well and allow for 30 mins
4. Add soda ash, stir very well and allow it to settle down for 12hours or more for the liquid to clearly separate from suspended particles.
5. Decant/filter to remove impurities and bottle the colorless part while you keep the white residue

NOTE

- Chlorine and soda ash react to form hypochlorite bleach
- You can use the white residue to produce toilet clea