

WOOL ALCOHOL OINTMENT

ALCOHOLUM ADIPIS LANAE UNGUENTUM

It is a **hydrophobic emulsifying** ointment/ointment base with Wool alcohol.

Composition

Wool alcohol	(Alcohol adipis lanae)	5.0 g
Yellow soft paraffin	(Vaselinum album)	45.0 g

Compounding procedure

1. Tare a stainless-steel bowl (basin) together with a pestle.
2. Weigh the Wool alcohol, and heat using the infra-red lamp until soft.
3. Add Yellow soft paraffin.
4. Heat using the infra-red lamp until soft, remove from the heat, and stir until cold.
5. Pack into an ointment jar and label with appropriate stick

Shelf-life, storage, labelling

Store at a cool place; protect from frost. An expiry date of 4 weeks is appropriate.

REMEMBER

The excipients used are hydrophobic, so the resulted ointment is also hydrophobic.

More information about properties of excipients you can find in Ph.Eur. monographs.

Ointment is usually used as base for incorporation of APIs, and preparation of creams because it is emulsifying type of base. There is an emulsifier (Wool alcohol) enabling the incorporation of some portion of water. As Wool alcohol is a hydrophobic emulsifier (HLB~1), hydrophobic cream (w/o) is formed after incorporation of water (Wool alcohol cream - Alcoholum adipis lanae cremor).