

CETYL ALCOHOL CREAM - ALCOHOLIS CETYLCI CREMOR

It is a hydrophobic cream with 40 % of aqueous phase.

Composition

Cetyl alcohol ointment	(Alcoholis cetylici unguentum)	30.0 g
Purified water	(Aqua purificata)	20.0 g

Compounding procedure

1. Tare a stainless-steel bowl together with a pestle.
2. Weigh the Cetyl alcohol ointment into the tarred bowl and heat using the infra-red lamp until soft.
3. Heat purified water at similar temperature as the hydrophobic phase and weigh 20.0 g into a beaker.
4. Gradually add hot Purified water to oil phase and stir gently until cold.
5. Transfer into an ointment jar and label the preparation appropriately.

Shelf-life, storage, labelling

There should not be visible water droplets or continuous layer of water on the surface.

Store at a cool place; protect from frost. Expiration: 3 months.

REMEMBER

This cream may be compounded either by previously prepared Cetyl alcohol ointment, or from Cetyl alcohol, Wool fat, and White soft paraffin (see composition of Cetyl alcohol ointment). Cetyl alcohol ointment is a hydrophobic emulsifying base containing Wool fat and Cetyl alcohol, which are hydrophobic emulsifiers, enabling the incorporation of 40 % of water. The resulted cream is a semisolid emulsion of type w/o. The method used for the preparation of this cream may be referred as English method (see Emulsions).