

EMULSIFYING OINTMENT BP, ANIONIC OINTMENT

UNGUENTUM EMULSIFICANS ANIONICUM

It is a hydrophobic emulsifying ointment/ointment base.

Composition

Cetostearyl alcohol (type A), emulsifying	(Alcohol cetylicus et stearylicus emulsificans A)	15.0 g
Liquid paraffin	(Paraffinum liquidum)	10.0 g
White soft paraffin	(Vaselinum album)	25.0 g

Compounding procedure

1. Tare a stainless-steel bowl together with a pestle.
2. Weigh Cetostearyl alcohol (type A) emulsifying, and while stirring, heat under infrared lamp until soft.
3. Add white soft paraffin, and heat again until soft.
4. Remove from the heat, add liquid paraffin and stir gently until blended.
5. Continue to stir gently until cold.
6. 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 name of this ointment is different according to the different National Pharmacopoeias, but the composition is the same: surfactant of O/W type, Liquid and White soft paraffins.

The **ointment is hydrophobic** as paraffins are hydrophobic excipients. The ointment is **emulsifying** as involves emulsifier - **Cetostearyl alcohol (type A)**, emulsifying which enables emulsification of a water. It is a **hydrophilic emulsifier**, so that after emulsifying the water, a hydrophilic cream is formed (Anionic cream).

Cetostearyl alcohol (**type A**), emulsifying is a mixture of cetostearyl alcohol (min. 80.0 %) and sodium **cetostearyl sulfate** (min. 7.0 %).

Cetostearyl alcohol (**type B**), emulsifying is a mixture of cetostearyl alcohol (min. 80.0 %) and sodium **laurilsulfate** (min. 7.0 %).