

SOFT ZINC OXIDE PASTE - ZINCI OXIDI PASTA MOLLIS

It is a hydrophobic paste which contains 30 % Zinc oxide in emulsifying base.

Composition

Zinc oxide (125)	(Zinci oxidum)	15.0 g
Sunflower oil, refined	(Helianthi oleum raffinatum)	10.0 g
Wool alcohols	(Alcoholes adipis lanae)	2.5 g
Yellow soft paraffin	(Vaselinum flavum)	22.5 g

Compounding procedure

1. Tare a stainless-steel bowl together with a pestle, weigh Zinc oxide and Sunflower oil, refined.
2. Stir the mixture until obtaining homogeneous suspension.
3. Tare other stainless-steel bowl together with a pestle, weigh Wool alcohols and melt it using the infra-red lamp.
4. Add Yellow soft paraffin and let it melt under gently stirring.
5. Gradually add the molten base to the suspension of Zinc oxide in the Sunflower oil, refined.
6. Transfer into an ointment jar and label the preparation appropriately.

Shelf-life, storage, labelling

Store in a tightly closed jar, at temperatures up to 25 ° C, protect from light. Expiration: 9 months. Label with red signature and appropriate information.

REMEMBER

Sunflower oil, refined is used as levigation agent. Wool alcohols are heated first as the consistency is hard. The paste is “soft” as the concentration of the solid particles is lower, and liquid hydrophobic excipient is employed. Only Zinc oxide (*see composition of Zinc oxide paste*) is suspended in a hydrophobic emulsifying base.