

Zinc oxide cream

W/O Ointment

Ingredients

Phase	%w/w input	Ingredient
A	49.75	Caprylic/capric triglycerides (Myritol 318)
A	10.00	Apricot kernel oil
A	10.00	Squalane
A	10.00	Zinc oxide
A	5.00	Glyceryl Stearate (Cithrol GMS N/E)
A	5.00	Sorbitan oleate, polyglyceryl-3 polyricinoleate (Arlacel 1689)
A	5.00	Beeswax
B	4.00	Water
C	0.10	Geranium (Pelargonium graveolens) flower essential oil
C	0.10	Lavender (Lavandula angustifolia) flower essential oil
C	0.05	Rosewood (Aniba rosaeodora) wood essential oil
C	1.00	Tocopherol - d-alpha 50%

Method

1. Combine phase A and heat to 75°C. Stir under medium shear until homogenous.
2. Add phase B to phase A and stir under high shear until homogenous.
3. Allow to cool slightly (approximately 60-65°C) and add phase C. Stir through until homogenous, then pour off while still molten.
4. Allow to cool fully before capping. Product needs to set fully overnight before evaluating the next day.



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Disclaimer: This formula and method has been developed based on the theoretical selection of listed ingredients; all costs associated with producing a sample of this product is the user's responsibility including any reworks or fails. IPCS recommends a 100g lab scale sample be made and pilot production prior to full scale production.

Please refer to supplier Safety Data Sheets (SDS/MSDS) to ensure safe handling of all raw materials. IPCS holds no responsibility for inappropriate use of materials selected, the formulation or method, in part or as a whole.

It is a condition of use of this formula and method that the user holds full responsibility for ensuring safe and correct use and storage of any materials they source and use, as well as ensuring compliance with local regulations and 'clean product preparation' steps are followed when producing samples, especially for use by others. Evaluations of the safety, stability and suitability of this formula, method and finished product are the sole responsibility of the user.

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INCI names provided on this site are used as a guide to assist with selections and product descriptions. Users will need to source and check full material information from their suppliers and prepare compliant ingredient lists specific to the materials they actually use.