

**LABEL**

<p><b>Composition:</b> 50 gm contains: Cetrimide : Cetostearyl Alcohol : Liquid Paraffin : Distilled Water :</p> <p><b>Uses:</b></p> <p><b>Precaution:</b></p> <p><b>Manufactured By:</b></p>	<p><i>Cetrimide Cream</i></p>	<p><b>Storage:</b></p>
	<p><b>Cetrimide Cream</b></p>	<p><b>Mfg. lic. No.:</b></p> <p><b>Batch No. :</b></p> <p><b>Mfg. date :</b></p> <p><b>Exp. Date :</b></p> <p><b>MRP Rs :</b></p> <p><b>(Inclusive of all taxes)</b></p> <p><b>Marketed By:</b></p>

**Calculation:**

$$\text{Factor} = \frac{\text{Required quantity}}{\text{Quantity given}} = \dots\dots\dots$$

**Practical - 10**

Date: .../.../.....

**Aim:** To prepare and submit 50 gm of Cetrimide cream.

**Reference:**.....  
.....

**Requirements:**

**Apparatus/Equipment required:**.....

**Chemical required:**.....  
.....

**Theory:** Cetrimide has antiseptic properties and is used for cleaning wounds and treating minor burns, abrasions and scalds, and for curing seborrhoeic dermatitis. This medication is also used for sterilizing surgical instruments. This medicine contains properties including antibacterial, antifungal and other antimicrobial actions. Cetrimide can be applied to the skin or mucous membrane to minimize or avoid the risk of infection. It also works as a surfactant, it has cleansing properties and functions like a detergent. It is also used to disinfecting the skin before surgery or infections and for treating nappy rash or fungal infections.

**Cetrimide Cream Formulation Table:**

S. No.	Chemical Name	Quantity Given (100 gm)	Quantity Taken (Factor x Quantity given)	Uses of Ingredients
1.	Cetrimide	3 gm		Antiseptic & bactericide
2.	Cetostearyl Alcohol	50 gm		Emulsifying agent
3.	Liquid Paraffin	500 ml		Emulsifying agent
4.	Distilled Water	1000 ml		Vehicle

**Procedure:**

- Weight all the ingredients in the required quantity.
- Dissolve cetostearyl alcohol in the liquid paraffin with the help of heat in one beaker (Oily Phase)
- In another beaker at the same temperature dissolve cetrimide in purified water (Aqueous Phase).
- Add first beaker preparation (Oily Phase) in warm condition to second beaker preparation (Aqueous Phase)
- Stir the mixture until it cool.
- Transfer in a suitable container and then label.

**Storage:** Well closed container in a cool place.

**Uses:** It is used as:

- ✓ It is used as antiseptic.
- ✓ It is used for cleaning wounds.
- ✓ It is used for treating minor burns.
- ✓ It is used for curing seborrhoeic dermatitis.

**Observation and Evaluation:**

Name of the Preparation	Test	Specification	Observation
Cetrimide Cream	Description		
	Colour		
	Odour		
	Volume		

**Result:** I have prepared and submit the \_\_\_\_\_ in a neat and cleaned glass bottle and labeled it properly.

**Questions Bank**

1. What is the Cetrimide Cream?
2. What are the antiseptic properties?
3. What is the wound?
4. Write the container used for cream.
5. What is the Cetrimide cream?
6. What is the Cetostearyl Alcohol?
7. What is the seborrheic dermatitis?
8. What is the Liquid Paraffin?
9. Write the use of Cetrimide Cream.
10. Write the two branded product names of Cetrimide Cream.