

**LABEL:**

<b>DUSTING POWDER BPC</b>		
<b>50 gm</b>		
<b>Composition:</b>	<b>BATCH NO.</b>	<b>MFG. DATE:</b>
Purified talc :		
Starch :		
Zinc oxide :		
	<b>MFG. LIC. NO.:</b>	<b>EXPIRY DATE:</b>
<b>Category:</b> Antiseptic		
<b>FOR EXTERNAL USE ONLY</b>		
<b>Use:</b> Antiseptic		
<b>Storage:</b> Stored in a well closed air tight container in a cool place and temperature not exceeding 25°C		
<b>MFG BY:</b>	<b>Batch:</b>	<b>Roll No.</b>

**Calculation:**

## Experiment - 15

**Aim:** To prepare and submit 50 gm of Dusting powder (BPC).

**Reference:**.....

**Requirements:**

**Apparatus Required:**

- Mortar & pestle
- Weigh balance
- Sieve shaker
- Spatula
- Butter paper

**Chemical Required:**

- Purified talc, starch, zinc oxide.

**Principle:**

Dusting powders are usually mixtures of two or more substances in fine powder intended for external use. Starch possess binding as well as good flow property which helps the powder to flow easily, spread uniformly and cling to the skin on application. Talc is natural mineral substance zinc oxide is protectant.

**Effervescent granules BPC Formulation:**

S. No.	Ingredients	Official formula	Required quantities (50 gm)	Uses
1.	Purified talc	1gm		
2.	Starch	0.5gm		
3.	Zinc oxide	0.5gm		

**Procedure:**

- ❖ Weigh the required quantity of purified talc and zinc oxide.
- ❖ Mix zinc oxide with starch and incorporate purified talc.
- ❖ Mix thoroughly and pass the mixed powder through a sieve no.120 to remove gritty particles.
- ❖ After sieving whole of the powder must be again slightly mixed.
- ❖ Pack the powder to protect it from air, moisture and contamination.

Marketed Formulation:



**Category:** Antiseptic dusting powder.

**Use:** Antiseptic

**Storage:** It should be store in a well closed container and keep in a cool place.

**Report:** I have prepared the .....gm dusting powder according to BPC and dispense in neat and clean container with proper labeling.

### Questions Bank

1. What is the dusting powder?
2. What are the antiseptic powders?
3. What is the role of starch in dusting powder?
4. What is the role of zinc oxide in dusting powder?
5. What is the role of purified talc in dusting powder?
6. What is the starch?
7. Why starch is insoluble in water?
8. What is the use of zinc oxide on skin?
9. How Clotrimazole work as antiseptic?
10. What is the use of Itraconazole dusting powder?