

Exp. No.-15**Date:****Aim:** To prepare and submit 30gm of Dusting powder.**Reference:**

- ✓ Mehta R.M., Dispensing Pharmacy, Vallabh Prakashan, New Delhi, 2017; 115

Requirements:**Apparatus Required:** Mortar & pestle, weigh balance, sieve shaker etc.**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.

Formula:

Sl. No.	Ingredients	Official formula	Working formula	Required quantities
1	Purified talc	1gm		
2	Starch	0.5gm		
3	Zinc oxide	0.5gm		30gm

Calculation:**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.

Storage: Store in a well closed container and should be kept in a cool place.**Category:** Antiseptic dusting powder.**Caution:** Do not apply on raw (or) weeping surface.**Direction:** For external use only.**Use:** Antiseptic.**Label:**

DUSTING POWDER	
30gm	
Composition: Purified talc Starch Zinc oxide	BATCH NO. MFG. DATE: MFG. LIC. NO.: EXPIRY DATE:
Category: Antiseptic	
FOR EXTERNAL USE ONLY.	
Use: Antiseptic	
Storage: Store in a well closed container and should be kept in a cool place.	
MFG BY: ABCD	Batch:
	Roll No.:

Report: