

At. Each speed the corresponding dial reading was noted

Excipients used in semi solid dosage forms

Emulsifiers and surfactants

- These help to stabilize emulsions and improve the spreadability and uniformity of the product.

Ex:- polysorbate 80

glyceryl stearate

lecithin

Thickening agents:-

These help to increase the viscosity and provide a smooth and consistent texture to the product

Ex:- Carbomers.

Hydroxyethyl cellulose.

Xanthan gum

Solvents:-

These are used to dissolve or disperse the active ingredients and other excipients

Ex:- propylene glycol

Ethanol

polyethylene glycol

## Humectants

Help to retain moisture and prevent the product from drying out.

Ex:- Glycerin  
Sorbitol

propylene glycol

## Preservatives

→ These are added to prevent microbial growth and ↑ the shelf life of the product

Ex:- methyl paraben

propyl paraben

Benzalkonium chloride

## Antioxidants

→ These are used to prevent oxidation and degradation of the active ingredient and other Excipients.

Ex:- Butylated Hydroxy Anisole

Butylated Hydroxy Toluene

Ascorbic acid

## Fragrances and Colourants

These are added to improve the aesthetic appeal of the product and Enhance patient acceptance.