

Suspension

(Biphasic liquid dosage form)

Here finely divided solid particle ranges from 0.5 to 5 μm are dispersed in liquid or semi-solid vehicle.

[DEPTH OF BIOLOGY]

- Soluble particle - Dispersed Phase
Liquid vehicle = Continuous Phase
- Generally taken orally / parentally
↓
They also used for external Application
- Particle size of dispersed phase is very important in the formulation of suspension
- Suspension → which are used for External applications
To avoid Gravity Felling on skin
↓
Particle size ↓↓

[DEPTH OF BIOLOGY]

Also help in Penetration of solid medicament

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Because particle size ↓↓ = Give fast rate of dissolution

[DEPTH OF BIOLOGY]

⇒ Suspension = Parental use = Particle size ↓↓
(Easy Cross Needle)

[DEPTH OF BIOLOGY]

⇒ Suspension = Distilled into eye = Should be
To avoid discomfort ← fine from
gritty particle

⇒ Particle size of suspension not go beyond
(10 μm)

— Qualities of Good Suspension ⇒

⇒ Settle slowly

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⇒ Readily redispersed on Gentle shaking

⇒ Should be chemically inert

⇒ Not form cake

⇒ free from large particle

[DEPTH OF BIOLOGY]

↓ ↓ → Cause
Gritty Spoil its Irritation
taste appearance (External)