

### Liposomes

LIPOSOMES are extremely small vesicles mainly composed by phospholipids organised in a bilayer. These vesicles contain an internal watery phase and are suspended in an external watery phase.

#### What are they used for ?

LIPOSOMES are basically used to transport the active principles in a very selective manner. Depending on its nature, the active may be incorporated inside the liposome (hydrophilic) or in the liposomal bilayer (lipophilic) .

#### Benefits

- Increased efficiency and decreased toxicity of the encapsulate active ingredient.
- Long-lasting activity.
- Better absorption, penetration and diffusion.
- Possibility of alternative routes of administration.
- Stabilization of the active principle.