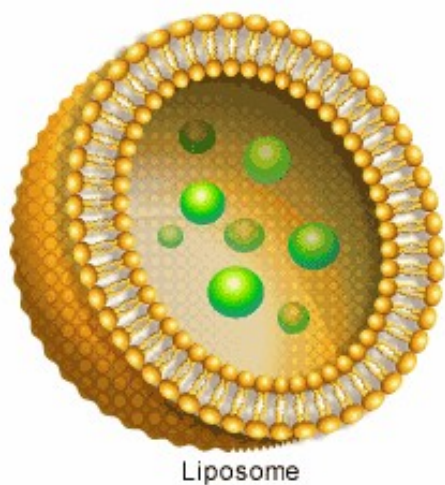


Liposome C

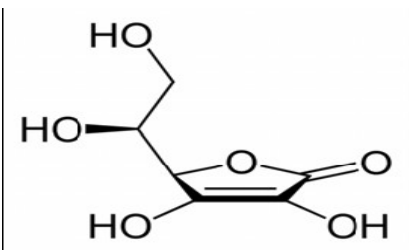
INCI - Water & Phospholipids & Ascorbyl Palmitate



Liposomes are microscopic vesicles that consist of an aqueous center with a phospholipid membrane; phospholipids contain a glycerol bonded to two fatty acids and a phosphate group with a polar head. The fatty acid portion of this bio-molecule is hydrophobic and is located toward the outside of the lipid bi-layer whereas the phosphate group is hydrophilic and faces the aqueous interior. These phospholipid walls are identical to those that comprise other human cell membranes. Liposomes can differ in size, with a range in diameter between 15 - 3500nm, and they can be found in unilamellar and multilamellar forms. Unilamellar vesicles are small, exceptionally stable molecules as they are formed via a high shear processing method. The Ingredients To Die For Liposomes are the more stable Unilamellar structure.

Vitamin C or L-ascorbate is an essential nutrient for human beings.

The presence of ascorbate is required for a range of essential metabolic reactions and is made internally by most organisms with humans being one of the exceptions. Vitamin C functions in humans as an antioxidant as it protects the body against oxidative stress and is a co-factor in several vital enzymatic reactions. Vitamin C is directly involved in the enzymatic synthesis required for the formation of collagen in the skin.



Liposome C is a stable, safe, way to incorporate vitamin C into personal care formulations.