CLAIMS

1. A package comprising:

a sterile bag (3) filled with liquid diluent;~~,~~

a bottle (9) ~~equipped with~~having a pierceable cap (26) to contain a medicinal or nutritional substance in powder, gel, or liquid form;~~other material, and~~

a tube (12) extending from the bag (3) and ending with a coupling and perforation device (16) ~~for~~ disposed at the cap (26) of the bottle (9);~~, where said bag (3) is housed in~~

a flexible sterile sealed first casing (1) housing the bag; ~~and said bottle (9) and coupling and perforation device (16) are accommodated in~~

a ~~second~~ flexible sterile sealed second casing (2) housing the bottle and the coupling and perforation device, wherein the first and second~~, in which said~~ casings (1, 2) are spatially separated by a distance, and the ~~and distanced and said~~ tube (12) has a middle portion (13) extending between the first casing (1) and the second casing (~~1,~~ 2);~~ where~~

an adjustable flow diverter (18) ~~can~~ disposed at the middle portion (13) of the tube (12), wherein the flow diverter (18) is configured to be adjusted to:

a first position ~~in which said~~wherein the flow diverter (18) impedes ~~any~~ communication between the bottle (9) and the bag (3),

a second position ~~in which said~~ wherein the flow diverter (18) allows the bag (3) to be ~~put~~ in communication with a ~~sealed~~ first side opening (19) of the flow diverter, and the first side opening includes ~~equipped with~~ an openable and hermetically sealable cap (20) for receiving a syringe (22), and ~~or other plunger device, or~~

a third position ~~in which~~wherein the flow diverter (18) allows the bottle (9) to be in communication ~~connected~~ with the first ~~said~~ side opening (19) of the flow diverter; and~~, wherein~~

a pressure compensator including ~~is included which consists of~~ a flexible tube (42) with a hydrophobic filter (43) connected to ~~another~~ a second side opening (41) of ~~said~~ the flow diverter (18) and terminates in the first casing (1) or the second casing (2) ~~one or the other of said airtight sterile casings (1, 2)~~.

2. A package according to claim 1, characterized in that said flow diverter (18) includes a multi-way ~~consists in a 4-way~~ stopcock.

3. A package according to claim 1 or 2, ~~characterized in that said~~wherein the coupling and perforation device (16) comprises flaps (17) ~~that can~~configured to be coupled to the cap (26) of the bottle (9) and a perforation tip (28) configured to pierce the cap (26) of the bottle (9) after ~~said~~ the cap (26) has been coupled to the flaps (17) and ~~a further axial movement has been made through~~ pressure has been exerted on ~~the outer walls~~an outer wall of the second casing (2) ~~in order~~ to bring the bottle (9) closer to the bag (3) in an axial direction along the tube.

4. A package according to any one of the preceding claims, ~~characterized in that said~~wherein the second casing (2) ~~is equipped with~~includes a tube connector (11) configured to deliver a mixture of ozone ~~or other sterilizing gas~~ and oxygen into the second casing (2).

5. A package according to any one of the preceding claims, ~~characterized in that~~wherein between ~~said~~ the middle portion (13) of the tube (12) and ~~said~~ the coupling and perforation device (16), the ~~said~~ tube (12) includes a final portion (14) ~~of tube (14)~~ housing a frangible closure (15).

6. A package according to any one of the preceding claims, ~~characterized in that said~~wherein the tube (12) includes an initial portion ~~of tube~~ (51) extending from ~~said~~ an end of the first casing (1) and terminating into ~~said~~ the bag (3), and the initial portion (51) of the tube (12) houses ~~in which~~ a frangible closure (50) ~~is housed~~.