dog owner as a whole, is more informative, can be integrated and can be portioned or controlled according to need than is the case with known solutions.

Summary

[0016a] In one aspect, the present disclosure provides a sachet for a mobile liquid supply of dogs in particular, comprising a casing and a core medium enclosed by said casing, wherein

the casing is formed of an edible membrane, and wherein

the core medium is formed from a gelled liquid substance, wherein

a maximum force for cutting the sachet is in a range from 1 N to 24 N, and wherein

a total force to cut the sachet is in a range from 0.01 J to 0.22 J.

Presentation of the invention

[0017] According to the invention, the object is solved by an edible sachet for a mobile liquid supply of dogs in particular, as defined in independent claim 1. Advantageous embodiments of the invention follow from the dependent claims.

[0018] The essence of the invention consists of the following: A sachet for a mobile liquid supply of dogs in particular. The sachet comprises a casing and a core medium enclosed by the casing. In this case, the casing is formed from a edible membrane and the core medium is formed from a gelled liquid substance.

Claims

1. A sachet for a mobile liquid supply of dogs in particular, comprising a casing and a core medium enclosed by said casing, wherein

the casing is formed of an edible membrane, and wherein

the core medium is formed from a gelled liquid substance, wherein

a maximum force for cutting the sachet is in a range from 1 N to 24 N, and wherein

a total force to cut the sachet is in a range from 0.01 J to 0.22 J.

2. The sachet according to claim 1, characterized in that the edible membrane comprises a polymer, preferably alginate.

3. The sachet according to claim 2, characterized in that the alginate is crosslinked with a calcium chloride solution.

4. The sachet according to claim 2 or 3, characterized in that the alginate is formed from an alginate paste containing sodium alginate.

5. The sachet according to any of the preceding claims, characterized in that the edible membrane has a thickness (D_M) of from 0.05 mm to 5 mm, preferably from 0.1 mm to 2 mm, more preferably from 0.15 mm to 1.5 mm and still more preferably from 0.2 mm to 1 mm.

6. The sachet according to any of the preceding claims, characterized in that the gelled liquid substance comprises in particular soups, broths or smoothies on animal, biological vegetable, vegetarian or vegan basis, or drinking water, hydrogels, yogurt drinks, shakes, juices, teas or liquid supplements.

7. The sachet according to any of the preceding claims, characterized in that the gelled liquid substance is gelled by means of gelling agents such as in particular agar-agar, gelatin, alginate, carrageenan, pectin or tragacanth

and/or by means of binding and thickening agents such as in particular locust bean gum, guar gum, arrowroot gum, psyllium husks, corn starch, potato starch, xanthan gum, gum arabic, tara gum or gellan.

8. The sachet according to any of the preceding claims, characterized in that the volume of the sachet comprises a range from 2 cm^3 to 35 cm^3, preferably from 2.5 cm^3 to 30 cm^3, more preferably from 2.8 cm^3 to 25 cm^3, further preferably from 3 cm^3 to 20 cm^3, and still further preferably from 5 cm^3 to 15 cm^3.

9. The sachet according to any of the preceding claims, characterized in that a maximum force for cutting the sachet is in a range from 2 N to 20 N, preferably from 3 N to 15 N, and further preferably in a range from 4 to 9 N.

10. The sachet according to any of the preceding claims, characterized in that a total force to cut the sachet is in a range from 0.05 J to 0.25 J, preferably in a range from 0.1 J to 0.2 J and further preferably in a range from 0.125 J to 0.15 J.

11. The sachet according to any of the preceding claims, characterized in that the peak force for a first compression of the sachet by 50% of its height is from 3 N to 25 N, preferably from 5 N to 15 N, more preferably from 9 N to 12 N and still more preferably from 10 N to 11 N, and that preferably the peak force for a second compression of the sachet by 50% of its height is from 0.05 N to 6 N, preferably from 1 N to 5 N, further preferably from 2 N to 4 N, and still more preferably from 3.0 N to 3.3 N.

12. The sachet according to any of the preceding claims, characterized in that the cohesiveness of the sachet is from 0.01 to 0.4, preferably from 0.03 to 0.3, further preferably from 0.05 to 0.2, and still further preferably from 0.06 to 0.10.

13. The sachet according to any of the preceding claims, characterized in that rubberiness of the sachet is from 0.03 N to 11 N, preferably from 0.3 N to 10.0 N, further preferably from 0.5 N to 3.0 N, and still further preferably from 0.7 N to 1.0 N.

14. The sachet according to any of the preceding claims, characterized in that it has a length (L) of from 2 cm to 10 cm, preferably from 2.5 cm to 9 cm, more preferably from 2.8 cm to 8 cm, further preferably from 3 cm to 7 cm and still further preferably from 4 to 6 cm, and preferably has a diameter (D_S) of from 1.0 cm to 3.0 cm, preferably from 1.2 cm to 2.5 cm, further preferably from 1.5 cm to 2.3 cm, further preferably from 1.6 cm to 2.2 cm and still further preferably from 1.7 cm to 1.9 cm.

15. The sachet according to any of the preceding claims, characterized in that the proportion by weight of the liquid to the total weight of the sachet is at least 70%, preferably at least 90%, and further preferably at least 95%.