CLAIMS

1. A fluid dispensing system comprising:

a container comprising an open end, wherein a fluid is provided within the container;

a dosing mechanism associated with the container, wherein the dosing mechanism is provided with a cup feature, the cup feature comprising a first region forming the base of the cup feature and a second region forming the rim of the cup feature, wherein the cup feature contains a volume of fluid and wherein, during use, a hydrostatic seal is formed by submerging the open end of the container in the volume of fluid in the first region of the cup feature; and

a fluid receptacle, wherein the fluid receptacle is releasably engageable with the container or the dosing mechanism;

wherein actuating the dosing mechanism releases a dose of fluid from the container into the fluid receptacle.

2. The fluid dispensing system of claim 1, wherein the first region of the cup feature retains a volume of fluid when the open end of the container is removed.

3. The fluid dispensing system of claim 1 or 2, wherein the cup feature is provided with a piercing member disposed centrally within the cup feature in order to pierce a pierceable membrane as the open end of the container is inserted into the dosing mechanism

4. The fluid dispensing system of any one of claims 1-3, wherein the dose of fluid is set by a user.

5. The fluid dispensing system of claim 3, wherein the dosing mechanism is connected to the open end of the container, wherein the open end of the container comprises the pierceable membrane, and wherein the dosing mechanism punctures the pierceable membrane when connected to the container.

6. The fluid dispensing system of any one of claims 1-5, wherein the container comprises a crashable fluid reservoir.

7. The fluid dispensing system of any one of claims 1-6, wherein the container is cylindrical.

8. The fluid dispensing system of any one of claims 1-6, wherein the container is conical.

9. The fluid dispensing system of any one of claims 1-8, wherein the container comprises at least one handle.

10. The fluid dispensing system of any one of claims 1-9, wherein the container comprises an integrated measuring indicator.

11. The fluid dispensing system of any one of claims 1-10, wherein the dosing mechanism comprises a non-rotatable switch.

12. The fluid dispensing system of any one of claims 1-10, wherein the dosing mechanism comprises a rotatable switch.

13. The fluid dispensing system of claim 11 or 12, wherein the switch is configured to have a first position and a second position.

14. The fluid dispensing system of claim 13, wherein in the first position, the switch is configured to prevent the fluid from entering the fluid receptacle, and in the second position, the switch is configured to enable the fluid to flow into the fluid receptacle.

15. The fluid dispensing system of claim 11 or 12, wherein the switch is configured such that a first activation initiates the flow of fluid into the fluid receptacle, and a second activation terminates the flow of fluid into the fluid receptacle.

16. The fluid dispensing system of claim 13, wherein the switch is configured such that the fluid is dispensed only when the switch is held in the second position.

17. The fluid dispensing system of claim 11, wherein the switch is one of: a push-button, a rocker switch, or a sliding switch.

18. The fluid dispensing system of any one of claims 1-10, wherein the dosing mechanism comprises one of: a keypad, a touch-sensitive screen, a dial, or a lock mechanism.

19. The fluid dispensing system of any one of claims 9-18, wherein the dosing mechanism comprises a valve positioned between the container and the fluid receptacle, and wherein actuating a switch actuates the valve.

20. The fluid dispensing system of any one of claims 1-19, wherein the container, reservoir of the dosing mechanism, or the fluid receptacle are manufactured from an oleophobic material.

21. The fluid dispensing system of any one of claims 1-20, wherein the fluid is lubricating motor oil.

22. The fluid dispensing system of any one of claims 1-20, wherein the container comprises a first coding feature indicating the type of fluid provided within the container, the dosing mechanism comprises a second coding feature and the fluid receptacle comprises a third coding feature, and wherein the first coding feature, second coding feature and third coding feature match.

23. A method of dispensing a fluid using the fluid dispensing system of any one of claims 1-22.

24. A fluid dispensing system comprising:

a container comprising an open end, wherein a fluid is provided within the container; and

a dosing mechanism associated with the container;

wherein the dosing mechanism is provided with a cup feature, the cup feature comprising a first region at the base of the cup feature and a second region at the rim of the cup feature, wherein the cup feature contains a volume of fluid and wherein the open end of the container is

positionable submerged in the volume of fluid in the first region of the cup feature to form a hydrostatic seal.

25. The fluid dispensing system of claim 24, wherein the first region of the cup feature retains a volume of fluid when the open end of the container is removed.

26. The fluid dispensing system of claim 24 or 25, wherein the cup feature is provided with a piercing member disposed centrally within the cup feature in order to pierce a pierceable membrane as the open end of the container is inserted into the dosing mechanism.