

ABSTRACTFULLY WATER-DILUTABLE MICROEMULSIONS

Fully water-dilutable microemulsions are disclosed comprising comprising

(A) an active ingredient which has a solubility in water of less than 1% at room temperature and a melting point of less than 100°C;

(B) a non-polar, water immiscible solvent capable of dissolving at least 5% by weight of (A) at room temperature;

(C) a surfactant system comprising:

(C1) at least one sulfated or sulfonated anionic surfactant having about 3-17% sulfation or sulfonation; and

(C2) at least one ethoxylated surfactant; and

(D) 0 to 99.9 % by weight water;

the weight ratio of (C1) to (C2) being from 10/90 to 90/10;

the weight ratio of said (A) to (B) being from 95/5 to 1/99, and

the weight ratio of said (A) to (C) being from 1/99 to 86/14;

said composition being thermodynamically stable and clear, opalescent, or only slightly cloudy at all levels of water dilution up to 99.9%.

The microemulsions are particularly useful in areas where preservation is required.

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