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ABSTRACT

It is an object of the present invention to provide recording ink, which has superior storage stability, in which discharge stability, particularly discharge stability during continuous discharge or after stopping discharge is improved, and with which a high image quality with little blur can be obtained and the like. The recording ink of the present invention is recording ink, in which a coloring agent, a surfactant, a penetrant, and a defoaming agent are contained; 3.0×10^7 (quantity/5 μl) or less coarse particles having a particle diameter of 0.5 μm or more are contained; and an amount of particle having a particle diameter of from 1 μm to under 5 μm in the coarse particle is 1% by number or less. An embodiment in which the coloring agent is a pigment, which has at least one kind of a hydrophilic group, and shows at least one of water dispersibility and water solubility in the absence of a dispersing agent; an embodiment in which the surfactant is at least one kind of surfactant selected from polyoxy ethylene alkyl ether surfactants and polyoxy ethylene alkyl ether acetate surfactants; an embodiment in which the penetrant is at least one of 2, 2, 4- trimethyl-1, 3-pentane diol and 2-ethyl-1, 3-hexane diol; an embodiment in which the defoaming agent is selected from silicone defoaming agents and the like are preferable.