

ABSTRACT OF THE DISCLOSURE

An antiinflammatory and analgesic gel preparation comprising diclofenac or its salts, an ester of dibasic acid, a lower alcohol, and a nonionic polymer or a mixture of nonionic polymers selected from the group consisting of (a) 1.5-4% by weight of hydroxypropyl cellulose having a molecular weight of 500,000 or greater, (b) 2-4% by weight of hydroxyethyl cellulose having a molecular weight of 1,250,000 or greater, and (c) 1.5-4% by weight of a mixture of hydroxypropyl cellulose having a molecular weight of 500,000 or greater and hydroxyethyl cellulose having a molecular weight of 1,250,000 or greater, and having a viscosity of 5,000-35,000 cps and an yield value of 5 dyn/cm² or greater. The gel preparation is excellent in the percutaneous absorption of diclofenac or its salts and provides good properties upon use and superior medical effects of diclofenac or its salts.