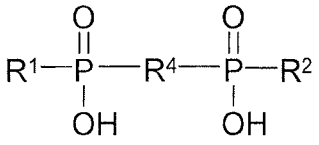
Abstract

Mixtures of diphosphinic acids and alkylphosphonic acids, a process for preparation thereof and use thereof

The invention relates to mixtures of at least one diphosphinic acid of the formula (I)



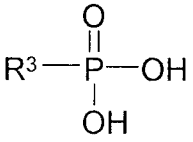
(I)

in which

R^1, R^2 are each H, C_1-C_{18}-alkyl, C_2-C_{18}-alkenyl, C_6-C_{18}-aryl, C_7-C_{18}-alkylaryl

R^4 is C_1-C_{18}-alkylene, C_2-C_{18}-alkenylene, C_6-C_{18}-arylene, C_7-C_{18}-alkylarylene

with at least one alkylphosphonic acid of the formula (II)



(II)

in which

R^3 is H, C_1-C_{18}-alkyl, C_2-C_{18}-alkenyl, C_6-C_{18}-aryl and/or C_7-C_{18}-alkylaryl; a process for preparation thereof and use thereof.