ABSTRACT

LIQUID FUEL COMPOSITIONS

The present invention provides a liquid fuel composition comprising: a base fuel suitable for use in an internal combustion engine; and one or more poly (hydroxycarboxylic acid) derivative having a terminal acid group having formula (III): $[Y\text{-}CO\ [O\text{-}A\text{-}CO]_n\text{-}Z_p]_m\text{-}X$ (III) wherein Y is hydrogen or optionally substituted hydrocarbyl group, A is a divalent optionally substituted hydrocarbyl group, n is from 1 to 100, m is 1 or 2, Z is an optionally substituted divalent bridging group, p is 0 or 1, and X is terminal acid group or a group carrying a terminal acid group, wherein the terminal acid group is selected from carboxylic acid, carboxymethyl, sulphate, sulphonate, phosphate and phosphonate.