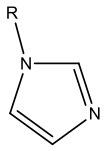
The Claims defining the Invention are as follows:

1. Use of an imidazole containing quaternary ammonium salt ("imidazole quat"), for improving the water shedding performance of a fuel composition, wherein the imidazole quat comprises the reaction product of:

a) a quaternizable compound that is the reaction product of:

(i) a hydrocarbyl-substituted acylating agent, wherein the hydrocarbyl-substituent has a number average molecular weight ranging from 100 to 5000, and comprises at least one polyisobutenyl succinic anhydride or polyisobutenyl succinic acid; and

(ii) a nitrogen containing compound having an oxygen or nitrogen atom capable of reacting with said hydrocarbyl-substituted acylating agent and further having at least one quaternizable tertiary amino group containing imidazole compound of formula:



imidazole

wherein R is an amine or alkanol capable of condensing with said hydrocarbyl-substituted acylating agent and having from 3 to 8 carbon atoms; and

b) a quaternizing agent suitable for converting the quaternizable amino group of the nitrogen containing compound to a quaternary nitrogen.

2. The use of claim 1, wherein the quaternizing agent comprises at least one dialkyl sulfate, alkyl halide, hydrocarbyl substituted carbonate, hydrocarbyl epoxide, carboxylate, alkyl ester or mixtures thereof.

3. The use of claim 2, wherein the quaternizing agent comprises a C_4 to C_{14} epoxide.

4. The use of claim 2, wherein the quaternizing agent comprises butylene oxide or epoxyhexadecane or an alcohol functionalised epoxide, such as glycidol.

5. The use of any preceding claim, wherein the fuel is gasoline or diesel.

6. The use of claim 5, further comprising at least one of a soap with a number average molecular weight (M_n) of less than 340, a polyisobutylene succinimide (PIBSI) with a number average molecular weight (M_n) of less than 400, or a mixture thereof.

7. The use of claim 5 or 6, further comprising from 0.01 to 25 ppm of a metal and from 1 to 12 ppm of a corrosion inhibitor.

8. The use of claim 7, wherein the corrosion inhibitor is an alkenyl succinic acid comprising at least one of dodecenyl succinic acid (DDSA), hexadecenyl succinic acid (HDSA), or mixtures thereof.