CLAIMS

1. A formulation of fuel for diesel engines composed of the following ingredients:

(i) group 1 components consisting essentially of nitromethane CH_3NO_2), propanone CH_3-CO-CH_3, 2-hexyl nitrate, amyl nitrate $CH_3(CH_2)4ONO_2$, acetaldehyde CH_3CHO, Cyclohexane C_6H_{12}, diethyl carbonate;

(ii) group 2 components consisting essentially of camellia sasanqua oil, brassica carinata oil, jojoba oil, jatropha curcas); and

(iii) standard diesel fuel

2. A formulation of fuel for diesel engines as claimed in claim 1, where the percentage by volume of group 1 and group 2 components is between 10% and 60%, preferably from 15% to 50%, more preferably at 40% of the fuel formula

3. A formulation of fuel for diesel engines as claimed in claim 1, where the percentage by volume of group 1 is 10% of the fuel formula, in the best formula volumetric composition.

4. A formulation of fuel for diesel engines as claimed in claim 1, where the percentage by volume of group 2 is 30% of the fuel formula, in the best formula volumetric composition.

5. A formulation of fuel for diesel engines as claimed in claim 1, wherein the percentage by volume of diethyl carbonate is between 1% and 12%, preferably between 4% and 8%, more preferably at 6% of the fuel formula.

6. A formulation of fuel for diesel engines as claimed in claim 1, wherein the percentage by volume of nitromethane CH_3NO_2 is between 0.2% and 1%, preferably at 0.5% of the fuel formula

7. A formulation of fuel for diesel engines as claimed in claim 1, wherein the percentage by volume of 2-hexyl nitrate is between 0.5% and 3%, preferably between 1% and 2%, more preferably at 1% of the fuel formula

8. A formulation of fuel for diesel engines as claimed in claim 1, wherein the percentage by volume of Jojoba oil (Simmondsia chinensis) is between 3% and 10%, preferably at 5% of the fuel formula.

9. A formulation of fuel for diesel engines as claimed in claim 1, wherein the percentage by volume of camellia sasanqua oil (thea sasanqua) is between 5% and 15%, preferably at 10% of the fuel formula.

10. A formulation of fuel for diesel engines as claimed in claim 1, wherein the percentage by volume of jatropha curcas oil is between 3% and 15%, preferably at 5% of the fuel formula.

11. A formulation of fuel for diesel engines as claimed in claim 1, wherein the percentage by volume of carinata oil is between 3% and 20%, preferably at 10% of the fuel formula.

12. A formulation of fuel for diesel engines as claimed in claim 1 that has a Cetane number higher than 50.

13. A formulation of fuel for diesel engines as claimed in claim 1 that offers the reduction of carbon dioxide (CO2) emission (about 50%) and particulate matter (about 60%).