

Technical list of product Green Shield Power

Product name: fuel additive Green Shield Power

Characteristics: chemical concentrate – liquid form

Product identification: Green Shield Power is a liquid fuel additive

Technical advisor: NTZ – Nezávislá Tribotechnická laboratoř č. 072

Product information:

Green Shield Power (GSP) is a unique liquid concentrate – **patented** – which is designed as an additive for fuels of combustion engines of all types and constructions. The liquid compound contains an active substance – Ferrocene, which significantly influences the process of the above-mentioned fuels combustion. Ferrocene significantly contributes to a more effective combustion and therefore reduces emissions of exhaust fumes, decarbonizes combustion chambers, increases engine performance, and reduces fuel consumption. Emissions reduction is significant both in atmospheric and turbocharged engines.

Green Shield Power is applied before refuelling directly into a fuel tank by a batcher on the bottle. The mixing ratio is described and determined on the bottle of the concentrate. Increasing the doses **does not increase** the effectiveness. The producer does not recommend increasing the concentration of the mixing ratio because the highest effectiveness is achieved only when the recommended ratio is used. If the mixing is observed, no damage to the engine can occur. The mixing ratio does not change the required fuel indexes according to valid norms: ČSN, ISO EN 590, DIN, ASTM. Green Shield Power does not produce own carbonizing residues.

Properties:

Green Shield Power significantly reduces emissions

Green Shield Power has cleaning effects on the combustion system and decarbonizes combustion chambers, dissolves residues in the combustion system, cleans residues in catalytic converter and diesel particle filter.

Green Shield Power lowers the temperature of exhaust system due to a more effective combustion.

Green Shield Power effectively reduces fuel consumption by up to 15%. Fuel consumption reduction is significant both in atmospheric and turbocharged engines.

Green Shield Power does not produce any harmful compounds.

Green Shield Power can be applied to petrol, ethanol 85, diesel.

Green Shield Power is not designed to be applied in LPG.

Composition/Information on constituents:

Index number CAS number ES number Registration number	Chemical name	Concentration (% m.)	Classification according to 67/548/EHS	Classification according to ES 1272/2008
	Fuel, diesel Gas oil – not specified		Carcinogenic cat. 3 (R40) Remark N	Carc. 2 (H351) Remark N
	Fatty acid esters		Not classified as dangerous	Not classified as dangerous
	Ferrocene		Harmful if swallowed (R22)	Acute Tox. 4 (H302, H312)

Dosage: Instructions for use

Follow the recommended dosage stated on the Green Shield Power package.

Safety instructions:

Keep out of reach of children and do not expose to temperatures over 35°C.

Hazard statements:

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long-lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or a doctor.

P331 DO NOT INDUCE vomiting.

P501 Dispose of contents/container in accordance with national regulation.

Mixture classification according to regulation ES 1272/2008: legal obligation for mixture classification since 1 June 2015**Hazard communication pictograms:**

Information on composition is protected by the producer and a utility model record at the Industrial Property Office of the Czech Republic.

Stated marks:

CAS Chemical Abstracts Service

Elaborated by: Green Shield Power

Advisor: NTZ – Nezávislá Tribotechnická laboratoř č. 072

IČ: Taxpayer ID

DIČ: VAT ID

Banka: Bank