



## Product Specification and Technical Data

**PRODUCT:** BG Ethanol Fuel System Defender™

**PART NO.:** 213

TEST DATA:	Test	ASTM Test Method	Typical Test Results
	API Gravity @ 15.6°C (60°F)	D 287	41.7
	Specific Gravity @ 15.6°C (60°F)	D 1298	0.817
	Density,		
	U.S. lbs./gal. @ 15.6°C (60°F)	D 1250	6.811
	Flash Point, °C(°F) COC	D 92	43°C (110°F)
	Initial Boiling Point	D 86	154°C (310°F)
	Viscosity, cSt 40°C (104°F)	D 445	1.41
	Pour Point, °C (°F)	D97	-40°C (-40°F)
	Color	D 1500	2.0
	Color	Visual	Light Yellow

**PROBLEM:** Ethanol-blended fuels increase engine deposits, affect drivability, and lead to corrosion, and possible component failure. Fuel deposits and corrosion formation can have a negative effect on engine efficiency and durability. The most common of these problems are rough idle, loss of performance, and reduced fuel economy.

**SOLUTION:** BG Ethanol Fuel System Defender™ is formulated to inhibit the free radical oxidation mechanism, which causes ethanol containing gasoline to degrade. Add to the fuel tank each oil change to keep intake manifolds, intake ports, intake valves and combustion chambers clean and free of damaging deposits typically caused by ethanol. BG Ethanol Fuel System Defender™ is an excellent fuel stabilizer! Recommended for use at regular 3,000–5,000 mile (4,800–8,000 km) service intervals. BG Ethanol Fuel System Defender™ prevents fuel degradation and corrosion. It is especially effective for treatment for all ethanol blended fuels (E10, E15, E85 etc.). Catalytic converter and oxygen sensor safe.

- BENEFITS:**
- Keeps intake valves, intake manifold, fuel injectors and the combustion chamber free of deposit build-up.
  - Prevents costly repairs caused by fuel related deposits.
  - Prevents harmful exhaust emissions.
  - Maintains “like new” engine performance.
  - Protects fuel system from rust and corrosion.
  - Restores optimum fuel economy.

**USAGE:** Add one 11 oz. (325 mL) bottle of BG Ethanol Fuel System Defender™ to fuel tank every 3,000–5,000 miles (4,800–8,000 km) when car is serviced. For best results add to full fuel tank or fill tank immediately after use. To keep the entire fuel and lubricant systems deposit-free, add BG MOA® to crankcase oil at each oil change service (3,000–5,000 miles or 4,800–8,000 km).

BG Products, Inc., accepts no liability for excessive use or misuse of this product.