



# Performance Specialties

## Product Data Sheet

### Anti Valve-Seat-Recession-Additives

## Classic Valvemaster™ Plus

### Composition

Classic Valvemaster™ Plus is a phosphorous based valve seat recession additive combined with corrosion inhibitor, and gasoline stabiliser, detergent and friction modifier.

### Applications

Classic Valvemaster™ Plus is used in unleaded gasoline to provide exhaust valve seat recession (VSR) protection in vehicles designed to run on leaded gasoline.

In addition to VSR control, Classic Valvemaster™ Plus also provides carburettor detergency and prevention against carburettor icing.

Classic Valvemaster™ Plus also protects against ethanol corrosion by use of our superior corrosion inhibitor "Etha-Guard".

Classic Valvemaster™ Plus also contains a friction "Optimise Plus" to reduce wear within the engine system.

### Physical Form

Orange liquid

### Recommended Treat Rate

The recommended treat rate for Classic Valvemaster™ Plus in unleaded gasoline is 1 ml/litre (1000 ppm vol/vol).

### Typical Properties

Appearance.....clear amber liquid  
Density at 15°C.....910 kg/m<sup>3</sup>  
Flash point.....> 60°C  
Viscosity at 40°C.....25 mm<sup>2</sup>/s  
Phosphorous content.....2.44 % (w/w)

### Addition Methods

Classic Valvemaster™ Plus can be added either concentrated or as a stock solution using a pump, eduction system or by batch addition.

Alternatively, Classic Valvemaster™ Plus can be packaged into suitable containers for addition directly into a vehicle fuel tank as an after-market additive.

### Comments

Classic Valvemaster™ Plus is compatible with other commonly used fuel additives and may be packaged with detergent additives to provide intake valve cleanliness as well as valve seat recession control.

Classic Valvemaster™ Plus is not suitable for use in vehicles equipped with catalytic converters.

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