

### Petfuel CINI

#### Cetane Improver

#### Description

Petfuel CINI is a cetane improver for diesel fuels. This product helps promote quicker cold start ups and faster heating of the engine; it also helps reduce noise while the engine is running and improves the emissions profile.

#### Application

- Treat rate may vary depending on the cetane number of the base fuel and the desired target profile.
- Typical treat rate of 500-3000 ppm.
- A treat rate of 1000ppm will increase the Cetane Index Number (CIN) by 4-6 points.
- Compatible with aliphatic or aromatic hydrocarbon solvents, (also see 'Handling', below)

#### Typical Properties

Property	Typical	Min.	Max.
Appearance	Clear pale to yellow liquid		
2-EHN content (%wt)	-	99	-
Ethyl hexanol content (%w)	-	-	1
Viscosity @ 20°C (cSt)	-	-	2
Viscosity @ 40°C (cSt)	-	-	1.2
Specific Gravity @15.6°C	0.97	-	-
Density @20 °C (g/cm <sup>3</sup> )	-	0.96	0.98
Flash Point (PMCC, °C)	-	70	-
Acid Number (mgKOH/g)	-	-	0.03
Nitric Acid content (%wt)	-	-	0.005
Pour Point (°C)	-	-	-30
Water Content (%wt)	-	-	0.05

#### Storage and Handling

Observe good chemical handling and hygiene practice. The compatibility and stability with other additives or packages must be accessed in advance. Consult the SDS for more information.

*The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.*