



Description

Ecotane® 3062 is an octane booster and emissions reducer for unleaded gasoline.

Use Information

Add to unleaded gasoline at the required dosage rate, typically between 8 to 18 mg Mn/liter (0.048 to 0.107 ml Ecotane® 3062 / liter unleaded gasoline).

Features

- The most cost-effective additive for increasing octane in unleaded gasoline.
- Effective in reducing tailpipe NO_x emissions.
- Enables refiners to reduce refining severity and aromatic content.
- Saves crude oil and increases refinery yield.
- Compatible with all internal combustion engines and catalytic converters
- Compatible with oxygenates.
- Stable during storage.
- Low freezing point.

Physical Data (typical properties)

Appearance:	Orange Liquid
Density (lb/gal @ 20°C):	9.28
Flash Point (°C, TCC)	52 (125°F)
Freezing Point (°C):	-30 (-22°F)
Gm Mn/liter.....	168 (635 g/US gal)
Gm Mn/kilogram.....	151 (68.6 g/lb)
Manganese content (wt%)	15.1 min.
Specific Gravity (20°C):.....	1.11
Vapor Pressure (mmHg @20°C):	1.6
Viscosity @ 20°C (cp):	1.5

Handling Information

Ecotane® is extremely photosensitive and decomposes rapidly when exposed to light. The half-life of Ecotane® vapor in air is less than one minute when exposed to light. Photolytic action converts the organic compound to a mixture of non-hazardous manganese oxides, carbonates, and organics derived from methylcyclopentadiene. See MSDS for further information.

Transportation Data

Standard Containers:Tank trailers, ISO tanks, drums (55 gal UN lined steel)
 Net Drum Weight (pounds):500 (55 gal drums)
 HMIS Rating:Health=3 Flammability=2 Reactivity=0, Personal Protective Equipment=C
 NFPA Rating:Health=2 Flammability=2 Reactivity=1
 Shipping Name (DOT):Flammable liquid, toxic, n.o.s. (petroleum distillates, methylcyclopentadienyl manganese tricarbonyl), 3 (6.1), UN1992, PG III.
 Shipping Name (IMO):Flammable liquid, toxic, n.o.s. (petroleum distillates, methylcyclopentadienyl manganese tricarbonyl), 3 (6.1), UN1992, PG III, MARINE POLLUTANT.
 Shipping Name (IATA):Flammable liquid, toxic, n.o.s. (petroleum distillates, methylcyclopentadienyl manganese tricarbonyl), 3 (6.1), UN1992, PG III.

MSDS and Emergency Response Information

Contact T2 Labs during normal business hours for further information and to obtain a current Material Safety Data Sheet. For 24 hour emergency response instructions or to receive a MSDS via fax after hours, contact Chem•Tel at 800-255-3924 in North America, or 813-979-0626 (collect) worldwide.