

TECHNICAL DATA SHEET SOL-BOOST MMT

SOL-BOOST MMT is an octane number improver based on methylcyclopentadienyl manganese tricarbonyl (MMT). It is used in unleaded gasoline to increase the octane rating, suitable for use in markets where metal content can be present in fuels.

Key Benefits

- Optimizes production by reducing energy consumption and refinery emissions
- Increases gasoline pool octane quality without increased energy consumption
- Helps refiners meet fuel specifications, marketing and quality requirements in the most cost-effective way

Typical Characteristics

| Parameter | Specification |
|-------------------------------------|---------------|
| Appearance | Liquid |
| Density @ 20°C (g/cm ³) | 1.00 – 1.20 |
| Flash point (°C) | ≥ 60 |
| MMT content (%) | ≥ 62 |
| Manganese content (%) | 15.1 – 15.5 |

Recommended Dosage

Actual dosage will largely depend on the end application, fuel specifications and base oil properties.

Packaging and Storage

SOL-BOOST MMT is packaged in 55 USG drum.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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