MARINE FUEL SPECIALTIES
Enhancing your fleet performance

PRODUCT DATA SHEET

Octamar™ Complete

Combustion Additives

Highly efficient combustion improver design to boost fuel performance and enhance engine reliability

Product Description

Octamar™ Complete is a highly concentrated combustion improving additive, formulated to optimize the combustion of residual marine fuel oils (HSFO). Faster and more complete burn-out of carbon and hydrocarbon – Octamar™ Complete works as an ash modifier – will reduce deposits in the engine and exhaust system and significantly lower emissions of unburned carbon (particulates) to the atmosphere. Maintained cleanliness and efficiency of engine and T/C will enable optimum performance between recommended overhaul intervals. Due to reduced soot particles in the post combustion flue gas, it might benefit efficiency of scrubbers for SO_x removal. The dispersant stabilizer prevents fuel from stratification and the asphaltenes from agglomerating. This will reduce sludge formation in fuel tanks and helps to keep separators, filters, fuel heaters, viscometers and injector (burner) tips clean, resulting in less maintenance and downtime.

Typical Properties

Appearance	Dark reddish liquid
Density at 15°C	920 kg/m^3
Flash point	≥ 61

Dosage / Directions for Use

The normal treat rate of Octamar™ Complete, for residual marine fuel, is 1:6,000 (1 litre for 6.0 tonnes of fuel). Alternative dosages may be recommended based on fuel quality or operational conditions.

Innospec personnel are always available to assess your specific problems and advise suitable product(s) and dosage program.

Application

For best results, Octamar™ Complete should be dosed into storage tank prior to bunkering. Alternative methods may be recommended based on vessel design or operational conditions.

Storage & Handling on board

Store Octamar™ Complete away from heat, open flame and ignition points. Always maintain storage temperature above 0 °C.

Always carefully read the Material Safety Data Sheet before use.

Pack Sizes

Octamar™ Complete is supplied in non-returnable 25-litre steel pails and 200-litre steel drums.

Benefits

- Improves fuel combustion, ignition and atomization all leading to fuel economy
- Reduces piston fouling and soot deposit
- Significantly reduces particulate matter
- Maintains HSFO stability on board up to 12 months
- Improves stability of HSFO containing up to 30% biofuels
- Increases tolerance and compatibility for blending of heavy and light fuel components
- Inhibits or strongly reduces storage tank sludge formation
- Reduces existing sludge up to 50 %
- Maintains overall engine efficiency
- Helps maintain turbocharger and economizer cleanliness and efficiency
- Reduces unburned carbon deposits in exhaust system
- ISO 9001 & 14001 certified by DNV
- EU Origin

ClassNK Innovation Endorsement

→ Improvement of fuel economy
→ Reduction of exhaust gas and other emissions

Innospec's Sustainability Program

Increases fuel efficiency.

Supports the reduction of CO_2 emissions.

Dramatically reduces particle emissions.

Designed for use with bio and renewable fuels.

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Innospec

Innospec is a global specialty chemical company. We provide innovative products, combined with excellent customer service and technical support. Our outstanding R&D capabilities have meant that we've been successful in bringing new technologies to market which allow our customers to improve their products and develop sustainable solutions for their chosen markets. Our business has a Sustainability strategy and we are investing and supporting products which help to reduce the carbon footprint of the global road, rail, marine and aviation transportation sectors and industrial applications.
We recognize that being a responsible business is key to our continued success. For us, it is an ongoing journey of progress and improvement.



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