



Marine Specialties

Product Data Sheet

Product Group 31 – Combustion Additives

Octamar™ Complete

Product Description

Octamar™ Complete is a highly concentrated combustion improving additive, formulated to optimize the combustion of residual marine fuel oils. Faster and more complete burn-out of carbon and hydrocarbon 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. Octamar™ Complete should be also a solution for VLSFO for emergency use, especially for fuel homogenation and combustion improvement.

Physical Properties

Appearance.....dark amber liquid
Density, 15 °C.....920 kg/m³
Flash Point,> 60°C

Application and Dosage

For best results, Octamar™ Complete should be injected into the fuel transfer line to the day tanks or settling tank via a chemical metering pump. The normal dosage 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 a suitable product(s) and dosage program.

Packaging and Storage

Octamar™ Complete is supplied in 200-litre (53 gallon) non-returnable steel drums. Other pack sizes are available on request. Store Octamar™ Complete away from heat, sparks and open flame and at temperature above 0°C.

Product Benefits

- Improves combustion
- Maintains overall engine efficiency
- Improves fuel economy
- Maintains turbocharger and economizer cleanliness and efficiency
- Reduces piston fouling
- Reduces unburned carbon deposits in exhaust system and pollution of environment
- Significantly reduces particulate matter
- Less soot particulates on deck
- Substantially reduces the risk of economizer fires
- Reduces fuel sludge up to 50 %
- Maintains HFO stability at on board storage temperature up to 12 months
- Increases tolerance and compatibility for blending of heavy and light fuel components
- Inhibits or strongly reduces storage tank sludge formation
- Improves atomisation
- VLSFO – prevent issues related to fuels commingling like separation, sludge formation and filter clogging
- ISO 9001 & 14001 certified by DNV
- EU Origin

- continued overleaf -



Precautionary Statement

Use only in approved manner. Do not contaminate drinking water. Dispose of empty container in accordance with local, state and federal rules. Do not re-use empty container. Avoid inhalation of fumes. When handling, use rubber gloves and face shield, wash after handling. Consult Innospec for questions and specific directions for use. Buyer assumes all risks of storage or handling of this material that are not in strict accordance with directions given. Consult the MSDS sheet for additional information. Store in a dry place away from food stuffs with the lid tightly closed. For commercial use only.

First Aid

HARMFUL IF SWALLOWED. CONTACT WITH SKIN OR EYES CAN CAUSE IRRITATION. KEEP OUT OF REACH OF CHILDREN!

SKIN: Flush with water and wash with soap and water. Remove contaminated clothing. Get medical attention if irritation continues.

EYES: Flush with cool water for at least 15 minutes and get medical attention immediately.

INHALATION: Remove affected person to fresh air. Get medical attention immediately.

INGESTION: Do not induce vomiting. Drink large amounts of water. Do not give an unconscious person anything to drink. Get medical attention immediately.

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