



# Marine Specialties

## Product Data Sheet

### Product Group 31 – Combustion Additives

## Octamar™ Ultra HF

### Product Description

Octamar™ Ultra HF is a highly concentrated combustion improving additive, formulated to optimize the combustion of Very Low Sulphur Fuel Oils (VLSFO).

**Combustion Improvement** by using highly effective iron based product:

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.

**Ignition Improvement** by using organic combustion improver:

Maintained cleanliness and efficiency of engine and T/C will enable optimum performance between recommended overhaul intervals.

**Homogenisation** and better atomisation/spray pattern by using stabilizer-dispersant:

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.

### Physical Properties

Appearance.....reddish, brown liquid  
Density, 15 °C.....930 kg/m<sup>3</sup>  
Flash Point, .....> 60°C

### Application and Dosage

For best results, Octamar™ Ultra HF should be dosed into storage tank prior to bunkering.

The normal dosage of Octamar™ Ultra HF, for VLSFO, 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™ Ultra HF is supplied in 25-litre pails. Other pack sizes are available on request. Store Octamar™ Ultra HF away from heat, sparks and open flame and at temperature above 0°C.

### Product Benefits

- Improves combustion and ignition
- Improves atomisation
- 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
- Reduces fuel sludge
- 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
- 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.

**For further information about our products & services please contact your nearest Innospec Customer Service Centre:**

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