



# Marine Specialties

## Product Data Sheet

### Product Group 33 – Special Marine Products

## Octamar™ LI 5

### Product Description

Octamar™ LI 5 is an additive formulated to improve the performance of MGO and MDO fuels.

Octamar™ LI 5 is a lubricity improver for use in low-sulphur distillate fuel oils that possess poor lubricity characteristics.

Fuel systems and equipment will have the added protection from wear and corrosion when using distillate fuels intermittently or on a regular basis.

Octamar™ LI 5 is an ash-less product and will not add to particulates/emissions loading.

The main benefit of the product has been verified by Lloyd's Register Product Verification Service.

### Physical Properties

Appearance.....yellow liquid  
Viscosity at 40°C.....16 mm<sup>2</sup>/s  
Density at 15°C......910 kg/m<sup>3</sup>  
Flash point.....>144°F/61°C  
Auto ignition temperature.....>200°C  
Pour point.....> -15°C

### Application

Manually dose Octamar™ LI 5 direct to storage/ bunker tanks – prior to or during every bunkering.

**OR**

Manually dose Octamar™ LI 5 direct to settling tank – prior to or during every filling.

Use of a chemical metering pump to dose in line is optional.

### Dosage Rate

The recommended dosage rate is 1 kg Octamar™ LI 5 per 10 tonnes of fuel.

### Packaging

Octamar™ LI 5 is supplied in 200L non-returnable steel drums and 25L pails.

### Storage and Handling on board

Store away from heat, sparks and open flame. Please ensure the product is always stored at temperatures above -3 °C.

If by accident the product is stored at extremely low temperatures below -5 °C, crystallisation may occur. If this happens re-store the product at room temperature (above 0 °C) for 24 hours then agitate the contents by shaking the pail or rolling the drum. The product will then be fit for use.

### Verified by Lloyd's Register PVS

Octamar™ LI 5 improves

- Fuel Lubricity according to HFRR ISO12156



### Product Benefits

- Improves fuel lubricity.
- Provides improved protection against corrosion.
- Proven by independent, in-house and industrial tests – HFRR and Bosch.
- No harm tests showing no adverse effects to fuels, lubricants, and fully compatible with engine and system materials.
- ISO 9001 & 14001 certified by DNV
- EU Origin



## 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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