



Marine Specialties

Product Data Sheet

Product Group 32 – Post-Combustion Additives

Octamar™ MP-4 LN

Product Description

Octamar™ MP-4 LN, ash inhibitor and combustion catalyst, is a highly concentrated organo-metallic additive for residual marine fuels.

Octamar™ MP-4 LN maintains exhaust valves, turbocharger and super-heater tubes free from ash and unburned carbon. Octamar™ MP-4 LN is soluble in all grades of residual fuel and is intended for use in diesel engines and boilers.

Octamar™ MP-4 LN prevents ash deposits by raising the melting point of the ash higher than the stiction temperature, which keeps the ash deposits from adhering to exhaust valves, turbochargers or boiler tube surfaces and increases the efficiency of heat transfer. This is particularly important with fuel that is high in ash (e.g. vanadium, sodium, nickel, aluminium, silica, calcium, potassium).

Octamar™ MP-4 LN also reduces unburned carbon, allowing less economizer cleaning and therefore savings in man-hours and downtime due to fouling.

An improved plant operation means reduced M&R costs, increased boiler efficiency and reduced fuel consumption.

Physical Properties

Appearance.....dark red liquid
Density.....1030 kg/m³
Flash point (PMCC).....>144°F/61°C
Auto ignition temperature.....>200°C

Application and Dosage

For best results, Octamar™ MP-4 LN 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™ MP-4 LN for marine grade fuels is 1:3.000 (one liter to 3 tons of fuel); however, alternative dosages may be recommended when burning sludge, waste oils or heavily contaminated fuels. Innospec personnel are always available to assess your specific problems and advise a suitable product(s) and dosage program.

Product Benefits

- Significantly reduces or eliminates ash deposits
- Improves boiler and engine efficiency
- Reduces hot and cold end corrosion
- Improves combustion substantially reducing unburned carbon.
- Extends maintenance schedule
- Improves fuel economy
- ISO 9001 & 14001 certified by DNV
- EU Origin

- continued overleaf -



Packaging and Storage

Octamar™ MP-4 LN is supplied in 200-liter (53 gallon) non-returnable steel drums. Store away from heat, sparks and open flame.

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:

North America

Marine Specialties
Customer Service Centre - USA
8310 South Valley Highway, Suite 350
Englewood, Colorado 80112
USA
Tel: +1 303-792-5554
In USA & Canada: 800-873-8711
e-mail: csc.americas@innospecinc.com

Greece, Turkey

Marine Specialties
Customer Service Centre - Greece & Turkey
11, II Merarchias Street,
Piraeus - 185 35
Greece
Tel: +30 210 411 0727 / 8
Fax: +30 210 411 0748
e-mail: csc-gt@innospecinc.com

Europe, Middle East, Africa

Marine Specialties
Customer Service Centre - EMEA
P.O. Box 53156
3301 Limassol
Cyprus
Tel: +357 25 762 535
Fax: +357 25 762 545
e-mail: csc-emea@innospecinc.com

Asia Pacific

Marine Specialties
Customer Service Centre - Asia Pacific
47 Scotts Road, #02-03 Goldbell Towers
Singapore 228233
Tel : +65 6336 6286
Fax : +65 6336 1692
e-mail: csc.AsiaPacific@innospecinc.com

The information contained in this document is provided free of charge and is based on technical data that Innospec believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Innospec accepts no liability for any loss, damage or expense arising from, or in connection with, the use of the information. Furthermore, none of the contents of this publication should be taken as a licence to operate under any patent, nor as a recommendation to infringe any patent.