MARINE FUEL SPECIALTIES
Enhancing your fleet performance

PRODUCT DATA SHEET

Grotamar® 71

Fuel Biocides

Broad-spectrum fuel biocide providing ongoing protection against bacteria, yeasts and moulds in diesel and middle-distillate fuels

Product Description

Grotamar® 71 provides ongoing protection against bacteria (including sulphate reducing bacteria), yeasts and moulds in liquid hydrocarbon fuels. Ideal for use in diesel and other middle distillate fuels, including biodiesel and renewable diesel (HVO).

Typical Properties

Appearance	Colourless-to-yellow liquid
Density at 20°C	1.06 g/mL
Colour (Gardner)	3.0 maximum

Dosage / Directions for Use

Grotamar® 71 can be injected into a part filled tank on the understanding that fresh fuel entering the tank will create turbulence to disperse the product around all of the fuel. The batched volume must be relative to the complete tank volume. When gentle agitation is available this is recommended to further ensure complete dispersant of additive. In-line dosing as the storage tank is being filled is also a preferred method because this will ensure optimal dose level.

In case of preventative treatment, Grotamar® 71 should be dosed at a treat rate comprised between 1:20,000 and 1:5,000.
For contaminated diesel fuel, Grotamar® 71 is typically dosed at ratios between 1:5,000 and 1:2,000 (v/v). For heavily contaminated systems, shock dosing at ratios between 1:2,000 and 1:1,250 (v/v) is required.

Application

Grotamar® 71 partitions into both oil and water phases to protect the fuel, water, oil/water interface and any fuel system surfaces.
Grotamar® 71 is best added to a dewatered tank that is approximately one third full.

Storage & Handling on board

Always consult the Innospec Safety Data Sheet for safety information before using the product.

Pack Size

Grotamar 71 is supplied in non-returnable 25kg pails.

Benefits

- Fuel biocide against bacteria, yeasts and moulds (incl. sulphate-reducing bacteria)
- Good anti-corrosive properties and enhances lasting protection against microbial material degradation
- Contains no nitrate, nitro-sating agents or organically bound chlorine (has no effect on the AOX value)
- In compliance with BPR and FIFRA
- Good solubility in diesel fuel and in water
- Free of sulphur

Listings and approvals

EINECS/ELINCS (Europe)	ECL	DSL
AICS (Australia)	IECSC	NZIOC
PICCS (Philippines)	TSCA (USA)	CSNN
BIMSCH (Germany)		

Innospec's Sustainability Program

Designed for use with bio and renewable fuels.

Prolongs lifetime of equipment.

Directly contribute to 14 United Nations Sustainable Development goals.

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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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