



Marine Specialties

Product Data Sheet

Product Group 33 – Special Marine Products

Octamar™ Winterflow

Product Description

Octamar™ Winterflow is a cold flow improver and pour point depressant for marine diesel fuels.

For vessels operating in colder climates, Octamar™ Winterflow will protect against fuel solidification, and improve operability.

Octamar™ Winterflow is specifically formulated to improve operability temperature of DMA and DMZ grades of marine distillate fuel.

Octamar™ Winterflow gives significant improvements in Pour Point and CFPP, therefore providing enhanced low temperature operability.

Physical Properties

Appearance.....opaque to lightly yellow liquid
Density.....895 kg/m³ at 15°C
Flash Point.....> 60°C
Viscosity at 40 °C.....7.5 mm²/s
Pour Point.....-9°C

Application

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

Dosing temperature should be 5°C above cloud point of marine diesel fuel.

Dosage Rate

The recommended dosage rate is 1 litre Octamar™ Winterflow per 1 tonne of fuel. The dosage rate can be increased to 1:500 to give enhanced protection.

Typical Performance

Typical response is 8°C reduction in CFPP
Response will vary depending on fuel composition and pre-treatment.

Packaging and Storage

Octamar™ Winterflow is supplied in 25-liter (6.63 gallon) pails. Store away from heat, sparks and open flame.

Product Benefits

- Improves the cold flow properties of marine diesel fuel
- Protects against paraffin waxes caused blockings of pipes and filters
- Will keep diesel fuel flowable, pumpable and filterable over longer time period at lower temperatures
- Easy handling due to its low viscosity
- Blends perfectly with diesel fuel up to 5°C above cloud point



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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