



## material safety data sheet :

### **F.O.T. NEW GENERATION™**

#### **DESCRIPTION :**

F.O.T. NEW GENERATION is a concentrated fuel oil additive specifically designed to facilitate the handling and burning of all types of heavy fuel to disperse asphaltenes found in sludge and further dissolve the sludge, suspending high fuel particles into solution. In this way, fuel blends gain a homogeneous nature while compatibility and stability problems are highly reduced. F.O.T. NEW GENERATION is a very cost effective product due to the very low dosage needed, yielding from its concentrated nature.

#### **ADVANTAGES AND CHARACTERISTICS :**

- Prevents sludge formation and carbonaceous deposits in tanks.
- Cost effective due to the very low dosage needed, yielding from its concentrated nature.
- Absolutely compatible with the various types of heavy fuels.
- Maintains homogeneity and stabilization of the fuel.
- Has anticorrosive properties and is highly stable.

#### **PHYSICAL PROPERTIES :**

F.O.T. NEW GENERATION is an organic-based fuel oil additive consisting of solvents, dispersants, polymers, corrosion inhibitors and surface-active agents that result in a maximum performance of the treated fuel oil.

Appearance/Color : Clear, yellow-orange liquid

Flash Point : 70°C

Specific gravity : 0.91 gr/cm<sup>3</sup> at 20°C

Odor : Aromatic Solvent Odor

#### **APPLICATION AND USE :**

##### **A. Dosing**

Procedure The quantity suggested for fuel oil treatment is a proportion of 1 litre of F.O.T. NEW GENERATION for 16-20 cubic meters of fuel.

##### **B. Feeding**

Procedure After the quantity of F.O.T. NEW GENERATION has been determined, it must be added to the main storage tanks before fuel bunkering or to the deep tanks through the entire fuel system.

#### **IMPORTANT INFORMATION:**

##### **Atomization and F.O.T.**

F.O.T. NEW GENERATION contains surface-active agents, which reduce the limit of surface tension between oil and air while they disperse the water residual and turn fuel into fine droplets within the burner. As a result, a greater distribution of fuel quantity throughout the burner is created, thus achieving a better fuel utilization, through complete combustion. Therefore, energy is preserved by the saving of fuel.

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#### **SAFETY AND HANDLING:**

<b>HANDLING</b>	Handle with care. Store in a dry, cool and well ventilated environment.
<b>SAFETY</b>	IMMEDIATE ACTIONS.
<b>Eye Contact</b>	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
<b>Skin Contact</b>	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
<b>Inhalation</b>	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>If Swallowed</b>	Avoid ingestion. Otherwise, consume a considerable quantity of water. Do not induce vomiting. Seek medical attention.
<b>GENERAL INSTRUCTIONS</b>	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use

**Read the Material Safety Data Sheet before using this product.**

*For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.*

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