



#### DESCRIPTION:

Catalyst for combustion manufactured in the United States of America under US patent 7,959,693 B2, composed mainly of carbon and hydrogen so it dissolves naturally in fuels based on hydrocarbons and alcohols without leaving residues and without altering its specifications or uses.

It works by reducing the temperature and accelerating the combustion process, prevents and eliminates carbon deposits in combustion engines, which allows the fuel to burn faster and at lower temperatures, generating a more efficient and faster combustion, taking advantage of all the energy available.

Improves efficiency in internal combustion engines and open flame that use hydrocarbon or alcohol based fuels, with rapid dissolution technology it is 100% miscible in gasoline (naphtha), diesel, bio-diesel, kerosene, gasoline, E85 and fuel oil (HFO, bunker, fuel oil), , LPG, NG, CNG, leaving no residue.

#### Key Attributes

- \* High boiling point
- \* High flash point
- \* Low polarity
- \* High chemical stability
- \* High solvency
- \* Low reactivity

#### BENEFITS:

- Increase fuel economy up to 20% or more.
- Increase Power and Efficiency.
- Reduces Pollutant Emissions.
- Eliminates and Prevents Carbon Deposits
- Increases the life of the Oil, Equipment, Engine and its parts
- Increase time between maintenance and reduce it costs
- Allows better internal heat transfer.
- Lower the exhaust temperature.
- Easy and Safe for use, control, handling, and storage.

#### APPLICATIONS:

Approved for use in all hydrocarbon-based fuels. Suitable for use in vehicles or machinery that have engines or burners that use gasoline (naphtha), diesel, biodiesel, E85, kerosene, fuel oil (HFO, bunker, fuel oil), etc. For safety, first aid and handling, refer to the material safety data sheet (MSDS).

#### HOW TO USE:

Apply the product first before refueling, to help dissolve and mix with the fuel. When using it in Bunker (Fuel Oil) and HFO you can dissolve the powder in a few liters of diesel and apply it to Fuel Oil when it is preheated for better mixing.

1 tablet of 0.5g treats up to 75L of diesel - 85L of gasoline ( 20 gal)  
1g of powder treats up to 150L of diesel - 170L of gasoline (40 gal)

**For treat rates with other fuels contact us.**

#### CAUTIONS:

**NOT FOR HUMAN CONSUMPTION.  
KEEP OUT OF REACH OF CHILDREN.  
KEEP IT IN A DRY AND FRESH PLACE.**

#### TECHNICAL DATA:

Appearance	<b>VISUAL</b>	Orange Liquid
	Above 70°C (158°F)	Orange Powder/Solid
	Below 70°C (158°F)	Orange / Light Orange
Color	<b>VISUAL</b>	DS-600i
Composition		255°C (491°F)
Ebullition point		110°C (230°F)
Flash Point		70 °C / 158 °F
Fusion Point		5.3 (aire = 1)
Steam Density		< 1 psi
Steam Pressure		1.04
Specific Gravity		0.992
Density		Negligible
Solubility in Water		Stable
Stability		Strong Oxidizing Agents
Incompatibility		No Ocur
Hazardous Polymerization:		None
Risk of Explosion or unusual fire:		
Non-flammable		
Biodegradable		

#### PRESENTATIONS:

##### Ferox Tablets (DS-600i)

- Mylar bag with 20,40,60,80,100 tablets of 0.5g of DS-600i, each one treats 85 liters of gasoline, 75 liters of diesel.

##### Ferox Powder (DS-600i)

- Mylar bag with 1000g of Industrial Powder (one kilogram of Ferox Powder DS-600i will treat 170,000 liters of gasoline, 152,000 liters of diesel or 140,000 liters of HFO / Fuel Oil / Bunker

**Special presentations** can be made for high consumption customers, this with a previous analysis



#### Comments

Values quoted are typical values obtained in the laboratory from production samples and are not guaranteed. Production materials may vary. They may show variations depending on the conditions of use of the catalyst in different engines and vehicles. Typical properties does not constitute an express warranty.



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