

PRI-ECO

ECONOMICAL & ECO-FRIENDLY FUEL TREATMENT FOR VLSFO

Power Research Inc. has been producing fuel additives for over 35 years. Over 200 shipping companies worldwide use our products. Our chemicals have been tried and tested on many, many ships with consistently positive results. Power Research Inc. is the only fuel additive company to ever test *successfully* with **MAN Diesel**.

PRI-ECO is our newest fuel additive and most economical. **PRI-ECO** is 100 percent active ingredients. Safe for your ships and safe for the environment. **PRI-ECO** is a quality fuel treatment, designed for the marine industry to assist with the fuel related issues of VLSFO & HFO (scrubber vessels), reduce sludge, and to improve purifier operations.

The main benefits of **PRI-ECO** are:

- Improves fuel stability and compatibility of all types of VLSFO & HFO
- Maintains fuel stability and helps prevent increase of TSP while fuel sits in storage tanks
- Assists with high TSP and improves poor-quality fuel
- Reduces the production of sludge produced on board
- Improved purification with cleaner filters/strainers and cleaner purifier
- Optimum combustion efficiency via improved fuel quality

FUEL QUALITY ISSUES & COMINGLING

PRI-ECO solves fuel problems. Poor fuel stability & compatibility issues of VLSFO/HFO, high TSP, dirty purifiers, poor quality fuel, etc. **PRI-ECO** will assist with all the new VLSFO blended fuels and will maintain proper stability and compatibility of these fuels on board your vessels. Use **PRI-ECO** when having to comeingle two different blends of VLSFO/HFO and avoid compatibility issues.

UNMATCHED VALUE

Dosing rate for **PRI-ECO** is 1:20 or one liter for every 20 mt. One 208-liter drum treats 4160 metric tons. No special dosing pump equipment is required. **PRI-ECO** is available worldwide in both 208-liter drums and 19-liter pails.

THE WORLD'S MOST EFFECTIVE FUEL TREATMENT AND ADDITIVE TECHNOLOGIES

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Specifications

Color & Appearance	Dark Amber Liquid
Boiling Point	155 C.
Flash Point	105 C.
Specific Gravity	0.80 – 0.83
Water Solubility	Soluble
USA DOT ID Number	UN 1258
IMDG	Not classified as dangerous under IMDG regulation
IATA	Not classified as dangerous per IATA

Dosage Rate:

PRI-ECO is dosed at 1:20,000 (one liter per 20 mt). It is recommended that any ships using **PRI-ECO** during all bunkerings, use a dose rate of one liter per 10 metric tons, for the first two months (approximately two bunkerings) of application. Then revert back to the 1:20 dose rate henceforth.

If a fuel quality problem or off spec fuel arrives on board, please contact Mike Snow at Power Research Inc. so he can advise you accordingly on the best course of action. His mobile number is +1 281 808 3131 and his email is mikesnow@priproducts.com

Dosage Method:

Power Research Inc. suggests **PRI-ECO** is highly miscible with VLSFO/HFO and may be added directly to tanks prior bunkering. Agitation from fuel flow into the tank typically provides a sufficient mixture.

Quality control:

PRI-ECO is manufactured in accordance with strict, chemical manufacturing standards. Each blend is numbered, and a retain sample is FTIR tested against a laboratory standard to ensure optimal conformance.

Miscibility:

PRI-ECO is a highly complex blend of organic chemistries that, once blended with, will not stratify or separate, even with fuel purification. In fact, purification systems remain cleaner and more efficient when processing **PRI-ECO** treated fuels.