# **Goodway Refining, LLC**

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# Technical Data Sheet ECA 1000 Marine Fuel / Light Distillate Blendstock

#### **General Information**

Goodway Refining ECA 1000 Marine Fuel is a clear to amber colored refined petroleum distillate charecterized by a normal petroleum odor and is dyed per IRS regulations with Morton Red Automate 164 dye during the loading process.

#### **Toxicity**

Prolonged and/or repeated inhalation of vapors may cause damage to the central nervous system and prolonged and/or repeated skin contact will cause irritation. Contact with the eyes will cause immediate irritation. Ingestion may be lethal.

### Shipping and Handling

ECA 1000 Marine Fuel is a hydrocarbon liquid. Keep away from ignition sources. Keep containers closed and clearly Labeled. Tank cars and trucks must bear D.O.T placards and shipping papers must comply with D.O.T. regulations.

## Goodway Dyed Distillate ECA Marine Fuels Typical Properties and General Specifications

Physical Properties	<b>ASTM Test</b>	Typical
Sulfur Content Gravity	D-4294 D-287	.08000999 41-44
Distillation	D-86	
IBP		315-345
10%		340-370
50%		400-440
90%		515-560
End Point		540-595
Flash Ponit °F	D93	140-150
Cetane Index	D976	42-50
Color	D1500	<0.5
Viscosity	D445	1.553 mm2/s
Pour Point		<-30°C

Note: Values indicated are described as typical physical properties and do not constitute specification limits.

This product is pure distillate from 100% virgin crude oil, not a blended product.