

# Cargo Handling Sheet

Non-Shell Product

**ExxonMobil Escaid 110 Fluid**

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Revision 3

*Cargo Handling Sheets are for the use of vessels chartered by Shell Chemicals*

*Information is obtained from supplier's SDS and other reference publications.*

### Product Details

Product Name:	Escaid 110 Fluid
Shipping Name:	Noxious liquid, NF, (7) n.o.s. (Escaid 110 contains Iso- and cycloalkanes (C12+))
Chemical Family:	Paraffins
Product Code:	Non-Shell; ExxonMobil product
SDS:	Get from loading terminal or charterer

### Physical Properties

Density:	790 kg/m <sup>3</sup> (15 °C / 59 °F)
Kinematic Viscosity:	2.3 cSt (2.3 mm <sup>2</sup> /sec) @ 20 °C / 68 °F
Vapor Pressure:	0.01 kPa (0.08 mm Hg) @ 20 °C / 68 °F
Boiling Point:	200 - 250 °C / 482 - 392 °F
Pour Point:	-48 °C / -54 °F
Flash Point:	81 °C / 178 °F
Appearance:	Clear, Colourless

**Note 1:** Physical Properties are for reference only; see loading terminal for specific properties.

**Note 2:** This product is a static accumulator.

**Transhipment** Prior to arranging transhipment, Charterers must agree to Owner's proposed plan

### Marpol Details

Marpol Annex:	II
IMO Ship Type:	3, must be double hull
Inland Barge:	Double Hull
IMO Pollution Category:	Y
IBC 16.2.6:	Yes

IBC 16.2.9: No  
Pre-Wash Required: No pre-wash required when discharged in accordance with MARPOL  
Compatibility Group: USCG compatibility group 31

### Cargo Handling Requirements

N2 Purge Cargo Tanks Prior Loading: No  
N2 Blanket Required: No; see notes below  
Adjacent Space Purge: No  
Loading Temperature Range: Ambient; see notes below  
Transit Temperature Range: Ambient  
Discharge Temperature Range: Ambient  
Maximum Heating Coil Temperature: Blanked off  
Adjacent Maximum Cargo Temperature: Ambient/No heat

**Note 1:** Consult supplier regarding N2 blanket.

**Note 2:** If Nitrogen blanket is in place and Carrier chooses to tranship, carrier must reapply nitrogen blanket on the cargo, both on the discharging and receiving vessel, at their time, risk, and expense.

**Note 3:** Consult supplier regarding carriage temperatures.

### Regional Requirements

None

### Tank Acceptance Requirements

All nominated shipboard cargo handling systems are to be presented clean (residual free), dry, odor free, rust free, with good gaskets, fit to load this cargo.

Maintenance of heating coils is to be verified in the ship's log. If product is to be heated, heating coils are to be confirmed leak free. If product is not heated, heating coils are to be blown clear and dried with N2, and blanked off.

Stainless Steel or Coated Tank: Either, carrier to verify suitability of coating for product  
Prior Cargo Restrictions: No  
Wall Wash Required: No

## Safety Information and Incident Reporting

### Safety Information:

For more detailed information, refer to the SDS or e-SDS for reportable spill/release quantities whether in the water, air or ground.

### Incident Reporting:

International Registered Vessels: If an incident occurs call Shell International Trading and Shipping in London on +442079347777.

Jones Act Vessels: call the Shell 24 hr. incident number at +17132412532. The USA National Response Center telephone number is +18004248802.

### Disclaimer

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