



**Shell Chemicals**

# Cargo Handling Sheet

Neoflo 4633

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Revision 5

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

## Product Details

Product Name:	Neoflo 4633
IMO Shipping Name:	Alkanes (C10–C26), linear and branched, (flashpoint >60°C)
Chemical Family:	Alkanes
Product Code:	V1904

SDS: <http://www.shell.com/business-customers/chemicals/safe-product-handling-and-transportation/safety-data-sheets.html>

## Physical Properties

Density:	ca. 781 kg/m <sup>3</sup> (15 °C / 59 °F)
Kinematic Viscosity:	2.9 mm <sup>2</sup> /s (40 °C / 104 °F)
Vapor Pressure:	< 0.1 kPa (40 °C / 104 °F)
Boiling Point:	200 - 344 °C / 392 - 651 °F
Pour Point:	< -20 °C / -4 °F
Flash Point:	>= 85 °C / >= 185 °F
Appearance:	Colourless liquid; paraffinic odour

**Note 1:** Physical Properties are for reference only and valid as of date of this revision; see loading terminal for specific properties.

**Note 2:** This product is a Static Accumulator

## Transhipment

Prior to arranging transhipment Charterer must agree to Owner's proposed plan. When arranged by the Owner, Owner must ensure that all transhipment vessels comply with the requirements of this cargo handling sheet.

## Marpol Details

Marpol Annex:	I
IMO Ship Type:	Double hull vessels certified for carriage of oil
Inland Barge:	Double Hull
IMO Pollution Category:	Not Applicable
IBC 16.2.6:	Not Applicable

IBC 16.2.9:	Not Applicable
Pre-wash Required:	Not Applicable; wash/disposal as per Annex I
Compatibility Group:	USCG compatibility group 31

**Note 1:** MARPOL Annex changed from Annex II to Annex I with inclusion of Alkanes (C10–C26), linear and branched, (flashpoint >60°C) in Annex 12 of MEPC.2/circ.24

### Cargo Handling Requirements

N2 Purge Cargo Tanks Prior Loading:	No
N2 Blanket Required:	No
Adjacent Space Purge:	No
Loading Temperature Range:	Ambient
Transit Temperature Range:	Ambient
Discharge Temperature Range:	Ambient
Maximum Heating Coil Temperature:	Blanked off
Adjacent Maximum Cargo Temperature:	55 ° C / 131 ° F

### 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
Banned Prior Cargo:	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.

For additional marine cargo handling advice or information, contact Captain Stephen Boudreaux at +18323376982 or Capt. Ben van Bommel at +31104415992.



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