



Shell Chemicals

Cargo Handling Sheet

ShellSol HF210D

Document Date: 07 July 2017
Revision 3

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

Product Details

Product Name:	ShellSol HF210D
IMO Shipping Name:	Solvent Naphtha
Chemical Family:	Naphtha
Product Code:	Q7443

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

Physical Properties

Density:	Typical 770 - 790 kg/m ³ at 15 °C / 59 °F
Kinematic Viscosity:	Typical 1.57 mm ² /s at 25 °C / 77 °F
Vapor Pressure:	Typical 100 Pa at 20 °C / 68 °
Boiling Point:	Typical 185 - 212 °C / 365 - 414 °F
Melting Point:	Data not available
Flash Point:	Typical 62 °C / 144 °F
Appearance:	Clear

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, Charterers must agree to Owner's proposed plan
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Marpol Details

Marpol Annex:	I
IMO Ship Type:	Double hull vessel with carriage of oil certification
Inland Barge:	Double Hull
IMO Pollution Category:	Annex I
IBC 16.2.6:	Not Applicable
IBC 16.2.9:	Not Applicable
Pre-Wash Required:	Not Applicable

Compatibility Group: USCG Compatibility group 33

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, odour 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.

For additional marine cargo handling advice or information, contact Captain Stephen Boudreaux at +17132413945 or Capt. Ben van Bommel at +31104415992.



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