



Shell

Cargo Handling Sheet

ShellSol HF210D

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Revision 4

*Cargo Handling Sheets are for the use of vessels
chartered on behalf of Shell*

Product Details

Trade Name: ShellSol HF210D
IMO Product 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: 770 - 790 kg/m³ at 15 °C / 59 °F
Kinematic Viscosity: 1.57 mm²/s at 25 °C / 77 °F
Vapor Pressure: 100 Pa at 20 °C / 68 °
Boiling Point: 185 - 212 °C / 365 - 414 °F
Melting Point: Data not available
Flash Point: 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: Hazard Identification: Static accumulator; See SDS for full list of hazards and precautions.

Transhipments

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 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; wash/disposal as per Annex I
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 - 55 °C / 131 °F
Unloading Temperature Range: Ambient - 55 °C / 131 °F
Maximum Heating Coil Temperature: Blanked off
Maximum Adjacent 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
Banned Prior Cargo: No
Wall Wash Required: No

Safety Information and Incident Reporting.

Safety Information: Refer the SDS (Safety Data Sheet) or e-SDS.

Incident Reporting: All incidents should be reported in accordance with regulations and charter party requirements.

For additional marine cargo handling advice or information, contact the regional Chemical Marine Technical Advisor.



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