



**Shell**

# Cargo Handling Sheet

ShellSol D60

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Revision 7

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

## Product Details

Trade Name: ShellSol D60  
IMO Product Name: Solvent Naphtha  
Chemical Family: Naphtha  
Product Code: Q3522

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

## Physical Properties

Density: 780 - 805 kg/m<sup>3</sup> (15 °C / 59 °F)  
Kinematic Viscosity: Data not available  
Vapor Pressure: 30 - 93 Pa (0 °C / 32 °F)  
Boiling Point: 179 - 213.9 °C / 354 - 417.0 °F  
Melting Point: Data not available  
Flash Point: 61 - 66 °C / 142 - 151 °F  
Appearance; colourless

**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  
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 - 40 °C / 104 °F  
Unloading Temperature Range: Ambient - 40 °C / 104 °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



**Shell Chemical LP**

PO Box 4407

Houston

Texas 77210 USA

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