

# Cargo Handling Sheet

Non-Shell Product

Ultra S4

Document Date: 28 Sep 2021

Revision 3

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

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

### Product Details:

Product Name:	Ultra S4
IMO Product Name:	Hydro Treated Heavy Paraffinic Distillate
Chemical Family:	Petroleum Hydrocarbon
Product Code:	Non-Shell product; S-Oil
SDS:	Get from loading terminal or charterer

### Physical Properties

Relative density:	0.834 @15 °C / 59°F
Dynamic Viscosity:	4.0-4.5 cSt @ 100°C / 212°F
Vapor Pressure:	Not Available
Boiling Point:	Not Applicable
Pour Point:	Not Applicable
Flash Point:	> 210°C / 410°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

**Transhipments** Prior to arranging transhipment Charterer must agree to Owner's proposed plan.

### Marpol Details:

Marpol Annex:	Annex I
IMO Ship Type:	Double hull vessels certified for carriage of oil
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 / dispose as per Annex I  
Compatibility Group: USCG compatibility group 33.

### Cargo Handling Requirements:

N2 Purge Cargo Tanks Prior Loading: No  
N2 Blanket Required: No; see notes below.  
Adjacent Space Purge: No  
Loading Temperature Range: 10° – 40 °C / 104 °F  
Transit Temperature Range: 10° – 40 °C / 104 °F  
Discharge Temperature Range: 10° – 40 °C / 104 °F  
Maximum Heating Coil Temperature: No Heating  
Maximum Adjacent Temperature: 40 °C / 104 °F

**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.

### 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.

**Stainless Steel or Coated Tanks:** Either, carrier to verify the suitability of coating

**Prior Cargo Restriction:** No  
**Wall Wash Required:** No

### Safety Information and Incident Reporting

#### Safety Information:

HSSE information can be found in the SDS or e-SDS.

## Incident Reporting:

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

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 Centre telephone number is +18004248802.

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

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