Shell

Cargo Handling Sheet

Xylene

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Revision 6

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

Product Details

Trade Name:	Xylene
IMO Product Name:	Xylenes
Chemical Family:	Aromatic Hydrocarbon Mixtures
Product Code:	Q5891, Q9151, Q9156, Q9306, T1404, Q9264

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

Physical Properties

Density:	870 kg/m3 (15 °C / 59 °F)
Kinematic Viscosity:	< 0.9 mm2/s (20 °C / 68 °F)
Vapor Pressure:	0.8 - 1.2 kPa (20 °C / 68 °F)
Boiling Point:	136 - 145 °C / 277 - 293 °F
Melting Point:	< -25 °C / -13 °F
Flash Point:	23 - 27 °C / 73 - 81 °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: Flammable, Static accumulator; See SDS for full list of hazards and precautions.

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:	II
IMO Ship Type:	2
Inland Barge:	Double Hull
IMO Pollution Category:	Y
IBC16.2.6:	No

IBC 16.2.9 (h):	Yes
Pre-Wash Required:	No pre-wash required when unloaded in accordance with CHS
Compatibility Group:	USCG compatibility group 32

Cargo Handling Requirements

N2 Purge Cargo Tanks Prior Loading	Not a Product Quality requirement; see notes below
N2 Blanket Required:	Not a Product Quality requirement; see notes below
Adjacent Space Purge:	No
Loading Temperature Range:	Ambient
Transit Temperature Range:	Ambient - 45 °C / 113 °F
Unloading Temperature Range:	Ambient - 45 °C / 113 °F
Maximum Heating Coil Temperature:	Blanked off
Maximum Adjacent Temperature:	< 45 °C / 113 °F

Note 1: If vessel is required to inert tanks, then only N2 will be accepted as an inerting medium.
Note 2: If Nitrogen blanket is in place and Carrier chooses to transhipment, carrier must reapply nitrogen blanket on the cargo, both on the unloading and receiving vessel, at their time, risk, and expense.

Regional Requirements

Note 1: US Barge: Coatings acceptable Stainless Steel, Mild Steel, Zinc, Epoxy; N2 not required. Vapor Return – may be required depending on terminal Air Quality Permit; Heating – No

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
Prior Cargo Restrictions:	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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