



Shell Chemicals

Cargo Handling Sheet

Hexane

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Revision 0

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

Product Details

Product Name: Hexane
IMO Product Name: Hexane (all isomers)
Chemical Family: Paraffins
Product Code: Q1255, Q1241, Q1252

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

Physical Properties

Density: 670 - 675 kg/m³ (15 °C / 59 °F)
Kinematic Viscosity: Typical 0.45 mm²/s (25 °C / 77 °F)
Vapor Pressure: Typical 19 kPa (20 °C / 68 °F)
Boiling Point: 60 - 70 °C / 140 - 158 °F
Melting Point: -95 °C / -139 °F
Flash Point: -27 °C / -17 °F
Appearance: Colourless liquid with sweet paraffinic odour

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: Extremely flammable, low boiling point, static accumulator, Toxic; 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

IBC 16.2.6: No
IBC 16.2.9: No
Pre-Wash Required: No
Compatibility Group: USCG compatibility group 31

Cargo Handling Requirements

N2 Purge Cargo Tanks Prior Loading: No
N2 Blanket Required: Not a Product Quality requirement; see notes below
Adjacent Space Purge: No
Loading Temperature Range: Ambient
Transit Temperature Range: Ambient - 40°C / 104°F
Discharge Temperature Range: Ambient - 40°C / 104°F
Maximum Heating Coil Temperature: Blanked off
Adjacent Maximum Cargo Temperature: 40°C / 104°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 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.

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:

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 Chemicals Marine Technical Advisor.



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