



SHELL

CARGO HANDLING SHEET

Ethylene

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

Product Details

Trade Name: Ethylene; C Ethylene; BC Ethylene
IMO Product Name: Ethylene
Chemical Family: Alkene

[Link to Safety Data Sheet](#)

Physical Properties

Density: 568 /m3 (-104°C / -155°F)
Dynamic Viscosity: Not applicable
Vapor Pressure: 4.275 kPa (1.9°C / 35.4°F)
Boiling Point: -104°C / -155°F
Melting Point: -169°C / -273°F
Flash Point: -136°C / -213°F.
Appearance: Colorless, hydrocarbon odor

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, Static accumulator; see SDS for full list of hazards and precautions.

Marpol Details

IMO Ship Type: 2G
IGC Hazards: Flammable

Cargo Handling Requirements

N2 Purge Cargo Tanks Prior Loading: Condition with product to expel N2.
Pre-load Purge Oxygen Content: < 0.3%
Adjacent Space Purge: No
Loading Temperature Range: -104°C / -155°F
Transit Temperature Range: -104°C / -155°F
Unloading Temperature Range: -104°C / -155°F

Transshipments

Prior to arranging transshipment Charterer must agree to Owner's proposed plan. When arranged by the Owner, Owner must ensure that all transshipment vessels comply with the requirements of this cargo handling sheet.

Tank Acceptance Requirement	
Prior Cargoes:	Consult Shell Charterer
Dewpoint:	< -50 °C / -58 °F
Peroxide Level:	< 5ppmw

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 Trading (US) Company
P. O. BOX 4604
Houston,
TX 77210-4604 USA

Disclaimer

The information contained in this publication is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

Shell

The expression "Shell" refers to the companies of the Shell Group of companies that are engaged in the chemical businesses. Each of the companies that make up the Shell Group of companies is an independent entity and has its own separate identity.