

# CHLORINE



## PRODUCT DESCRIPTION

Liquid chlorine ( $\text{Cl}_2$ ) is a highly reactive chemical element and a powerful oxidizing agent, which under atmospheric pressure it transitions into a greenish-yellow gas with a distinct, pungent odor.

	Units	BCI Specifications	Test Methods
Purity	%	99.5% Min	ThyssenKrupp (CO-001)
Moisture Content	ppm	10.0 Max	ThyssenKrupp (CO-001)

All technical data stated in this TDS are based on our actual laboratory analysis.

## APPLICATIONS

Liquid chlorine is widely used for its disinfectant properties, effectively killing pathogens like bacteria and viruses by disrupting the chemical bonds in their molecules, which makes it an essential component in water treatment and sanitation. Additionally, Chlorine is crucial in the production of various chemicals, including PVC, polyurethane epoxies and other plastics, and also supports diverse industries such as construction, automotive, and consumer goods manufacturing.

## ECOLOGY, HEALTH & SAFETY

For more information on the safe handling, storage and disposal of chemical products, please refer to the most recent Safety Data Sheet (SDS).

## AVAILABLE PACKAGING

- Tubes: 45 & 65 Kg
- Cylinders: 900 & 907 Kg
- ISOTANK 20 MT

## DISCLAIMER

All sales by BCI, its subsidiaries, or affiliates "seller", are governed by the seller's standard terms and conditions of sale, available upon request unless otherwise agreed in writing. While information and recommendations regarding product application and end use are provided in good faith based on current knowledge and experience, the seller makes no warranty, express or implied, regarding merchantability, fitness for a particular purpose, or liability arising from use. Customers must evaluate the suitability of the product for their intended application, ensure compliance with third-party proprietary rights, and refer to the most recent product Datasheet, available on our site or upon request, for accurate guidance.

Version03: 01-01-2025

الصناعات الكيميائية الأساسية  
BASIC CHEMICAL INDUSTRIES

### HEAD OFFICE

P.O Box 1053, Dammam 31431, Saudi Arabia  
T: +966 13 821 7777 F: +966 13 847 26 48  
Email: Sales@bci.sa



### الفرع الرئيسي

ص.ب ١٠٥٣، الدمام ٣١٤٣١، المملكة العربية السعودية  
ت: +٩٦٦ ١٣ ٨٢١ ٧٧٧٧ ف: +٩٦٦ ١٣ ٨٤٧ ٢٦٤٨  
البريد الإلكتروني: Sales@bci.sa