

# Turkey Caustic Soda Market Size, Share, Trends and Forecast by Product Type, Manufacturing Process, Grade, Application, and Region, 2026-2034

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## Abstracts

The Turkey caustic soda market size reached 1,232.5 Thousand Tons in 2025. The market is projected to reach 1,384.7 Thousand Tons by 2034, exhibiting a growth rate (CAGR) of 1.26% during 2026-2034. The market is fueled by the expansion of Turkey's chemical, paper, and textile sectors, which are dependent on caustic soda for uses like processing pulp, soap production, and treating textiles. Moreover, demand from the water treatment and aluminum industries also propels growth, as caustic soda is critical to pH maintenance, chemical cleaning, and metal refining operations. In addition, government policies promoting indigenous industrial manufacture and infrastructure growth are stimulating investment in caustic soda plants, which is augmenting the Turkey caustic soda market share.

### TURKEY CAUSTIC SODA MARKET TRENDS:

#### Increasing Demand in End-Use Industries

The market is experiencing a notable rise in demand from various end-use industries, reflecting broader industrial growth in the country. The chemical sector remains the largest consumer, utilizing caustic soda in the production of a wide range of chemicals such as soaps, detergents, and synthetic fibers. This expansion is underpinned by Turkey's growing chemical production base, in which caustic soda is essential to the production of petrochemicals and other high-value chemicals. Furthermore, the textile sector, based on caustic soda usage for fabric treatment, is also driving demand higher. Apart from this, the automotive and construction industries use caustic soda for various uses, including lubricant production, coatings, and paints. With industrial growth and the modernization of infrastructure ongoing in different sectors, Turkey is likely to

experience steady growth in domestic caustic soda consumption. This growing demand from different industries is propelling the market's growth and increasing the scope for greater development.

### Growing Application in Water Treatment

Another significant trend in the market is its growing application in water treatment processes. Caustic soda is used significantly in water purification in the form of neutralizing acid water, pH level adjustment, and treating industrial wastewater. Apart from this, due to intensifying industrial activity and urbanization, Turkey is experiencing growing concerns over water quality and availability. Consequently, demand for caustic soda for treating water is increasing consistently. It is highly utilized in municipal water treatment plants as well as in industrial wastewater treatment procedures, where it assists in impurity removal, heavy metal precipitation, and neutralization of acidic matter. The necessity for efficient water management systems, fueled by environmental protection laws and sustainability drives, is accelerating the use of caustic soda in this industry. This expanding application in water treatment is consistent with international trends towards environmentally sustainable practices and mounting regulatory pressure on businesses to provide cleaner discharge and recycling of water.

### Expanding Usage in the Paper and Pulp Industry

The paper and pulp industry in Turkey continues to be a major consumer of caustic soda, contributing significantly to the Turkey caustic soda market growth. Caustic soda plays a critical role in the chemical pulping process, where it is utilized to hydrolyze lignin in wood so that it can be disintegrated and separated from fibers to form pulp. The paper is produced based on this pulp. With Turkey's paper industry growing to cover domestic and export markets, caustic soda is still not replaceable. Also, caustic soda is used during bleaching to enhance the whiteness and purity of paper products. With the expansion in the production of newsprint and packaging materials due to growing consumption and export demand, the paper industry's need for caustic soda will keep increasing. In addition, the movement within the industry towards environmentally sound production practices, such as recycling and minimizing water consumption, is also propelling demand for top-grade caustic soda that is compliant with environmental regulations. The expansion of the industry in Turkey follows a wider global pattern in paper production, driving demand for caustic soda upwards.

### TURKEY CAUSTIC SODA MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on product type, manufacturing process, grade, and application.

#### Product Type Insights:

Lye

Flake

Others

The report has provided a detailed breakup and analysis of the market based on the product type. This includes lye, flake, and others.

#### Manufacturing Process Insights:

Membrane Cell

Diaphragm Cell

Others

A detailed breakup and analysis of the market based on the manufacturing process have also been provided in the report. This includes membrane cell, diaphragm cell, and others.

#### Grade Insights:

Reagent Grade

Industrial Grade

Pharmaceutical Grade

Others

The report has provided a detailed breakup and analysis of the market based on the grade. This includes reagent grade, industrial grade, pharmaceutical grade, and others.

#### Application Insights:

Alumina

Inorganic Chemicals

Organic Chemicals

Food, Pulp and Paper

Soap and Detergents

Textiles

Water Treatment

Steel/Metallurgy-Sintering

Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes alumina, inorganic chemicals, organic chemicals, food, pulp and paper, soap and detergents, textiles, water treatment, steel/metallurgy-sintering, and others.

#### Regional Insights:

Marmara

Central Anatolia

Mediterranean

Aegean

Southeastern Anatolia

Black Sea

Eastern Anatolia

The report has also provided a comprehensive analysis of all the major regional markets, which include Marmara, Central Anatolia, Mediterranean, Aegean, Southeastern Anatolia, Black Sea, and Eastern Anatolia.

#### COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

#### KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Turkey caustic soda market performed so far and how will it perform in the coming years?

What is the breakup of the Turkey caustic soda market on the basis of product type?

What is the breakup of the Turkey caustic soda market on the basis of manufacturing process?

What is the breakup of the Turkey caustic soda market on the basis of grade?

What is the breakup of the Turkey caustic soda market on the basis of application?

What is the breakup of the Turkey caustic soda market on the basis of region?

What are the various stages in the value chain of the Turkey caustic soda market?

What are the key driving factors and challenges in the Turkey caustic soda market?

What is the structure of the Turkey caustic soda market and who are the key players?

What is the degree of competition in the Turkey caustic soda market?

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