



Shafaq Chemi Overview

Established in 1999, Shafaq Chemi Company is a leading producer of caustic soda flakes, committed to delivering the highest quality products to global markets. With a monthly production capacity exceeding 1000 tons, we specialize in providing premium-grade caustic soda flake solutions to meet the diverse needs of our customers.



Vision

Our vision is to achieve a strong global presence in the caustic soda industry, focusing on Africa and Europe, by setting new quality and innovation standards through advanced science and unique production methods.



Mission

Our mission at Shafaq Chemi is to be the trusted leader in caustic soda flake production, delivering superior quality products consistently. We are committed to advancing industry standards through cutting-edge science and innovative manufacturing processes, meeting the global demand with dedication and expertise.

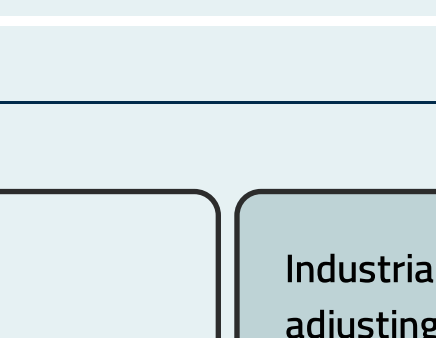
Characteristics

Derived from the evaporation of liquid Caustic Soda 50%, our caustic soda flakes, also known as Sodium Hydroxide, exhibit excellent moisture absorbency and complete solubility in water. Recognized by multiple names including Sodium Oxidamide and Soda Lye, our product is widely acclaimed for its versatility and corrosive nature.



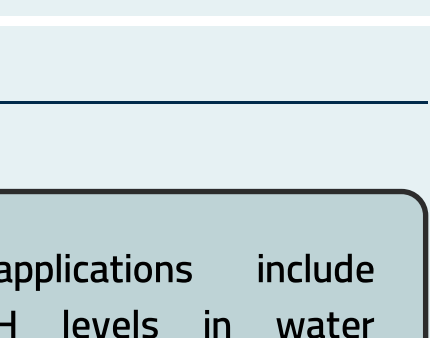
Physical

- White, odorless flakes or pellets.
- High melting (318°C) and boiling points (1,388°C).
- Dense (2.13 g/cm³) and highly soluble in water.



Safety

- Requires protective gear for handling.
- Must be stored in airtight, cool, and dry conditions.
- Corrosive to skin and metals; inhalation and ingestion are hazardous.



Chemical

- Strongly alkaline (pH 13-14).
- Highly reactive, especially with water and acids.
- Hygroscopic and corrosive.

Conclusion

Caustic soda is essential in many industries for its strong alkalinity and reactivity, but it demands careful handling due to its corrosive nature.

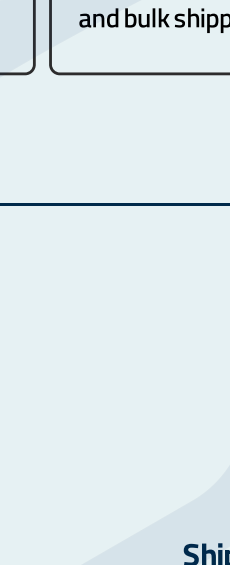
Applications



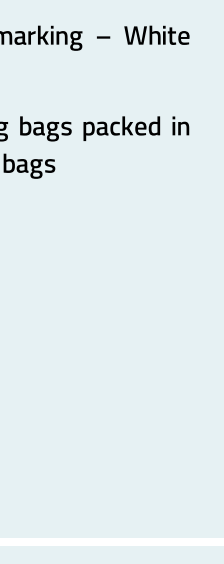
PH Adjusting

Industrial applications include adjusting pH levels in water treatment and maintaining pH in drilling fluids during oil and gas operations.

Caustic soda flakes are extensively used in food processing, including washing fruits and vegetables, chocolate production, soft drink processing, and ice cream texture thickening.



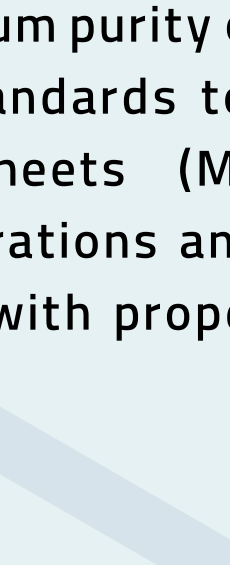
Food



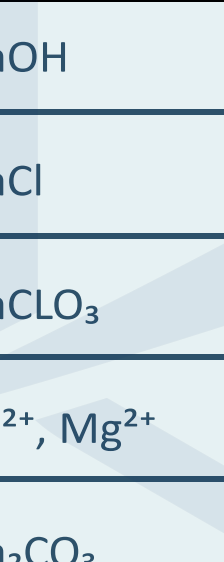
Pharmaceutical

In pharmaceuticals, caustic soda contributes to the production of various substances, from pain relievers to anticoagulants.

Caustic soda acts as a powerful cleaning agent for surfaces like ovens and drains, as well as a degreaser for metal parts. It's also essential in soap and detergent production.



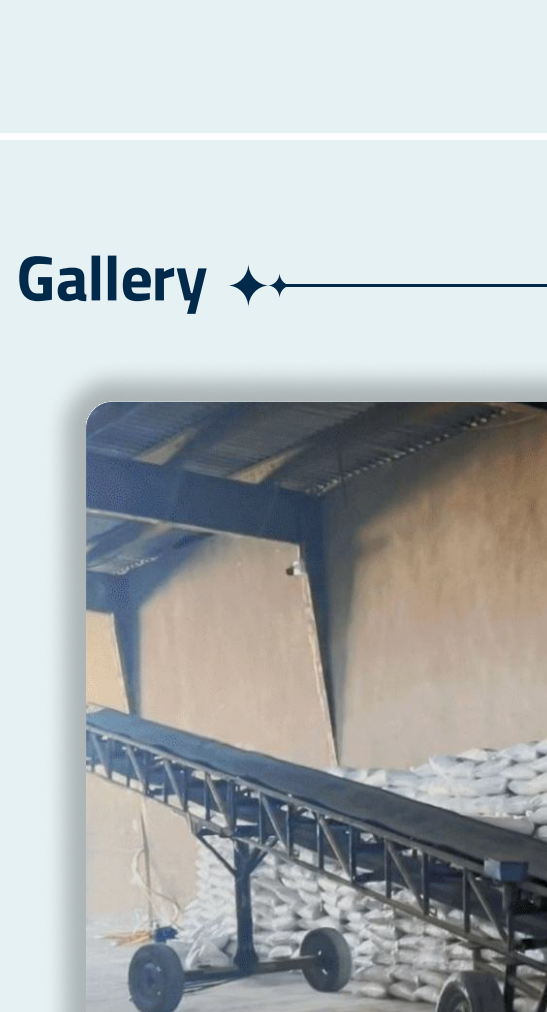
Cleaning



Chemicals

Caustic soda serves as a raw material for producing chemicals like chlorine and sodium metal, as well as playing roles in oil drilling and refining.

Packing Details



To ensure quality and prevent moisture absorption, our caustic soda flakes are packed in 25 kg polyethylene bags and 1-MT jumbo bags, with options for customized packaging available upon request. Additionally, we offer specialized packaging for export purposes, including shrink-wrapped pallets and bulk shipping options.

Customized Packaging
Options available upon request to meet specific customer needs

1.25 MT Jumbo Bags
Size: 65 cm x 45 cm
Color: White

25 kg Polyethylene Bags
Dimensions: 100 cm x 107 cm x 107 cm

Specialized Export Packaging
Includes shrink-wrapped pallets and bulk shipping options

Shipment



Product Details

- Purity: >98%
- Type: Flakes
- HS Code: 281511
- Marking: No marking - White bags
- Packing: 25 kg bags packed in 1.25 MT jumbo bags



Payment Terms

- FOB Delivery: 50% payment in advance, with the remaining balance due upon presentation of customs documents.
- CFR/CIF Delivery: 50% payment in advance, with the remaining balance due upon presentation of the draft Bill of Lading (B/L).



Shipping Documents

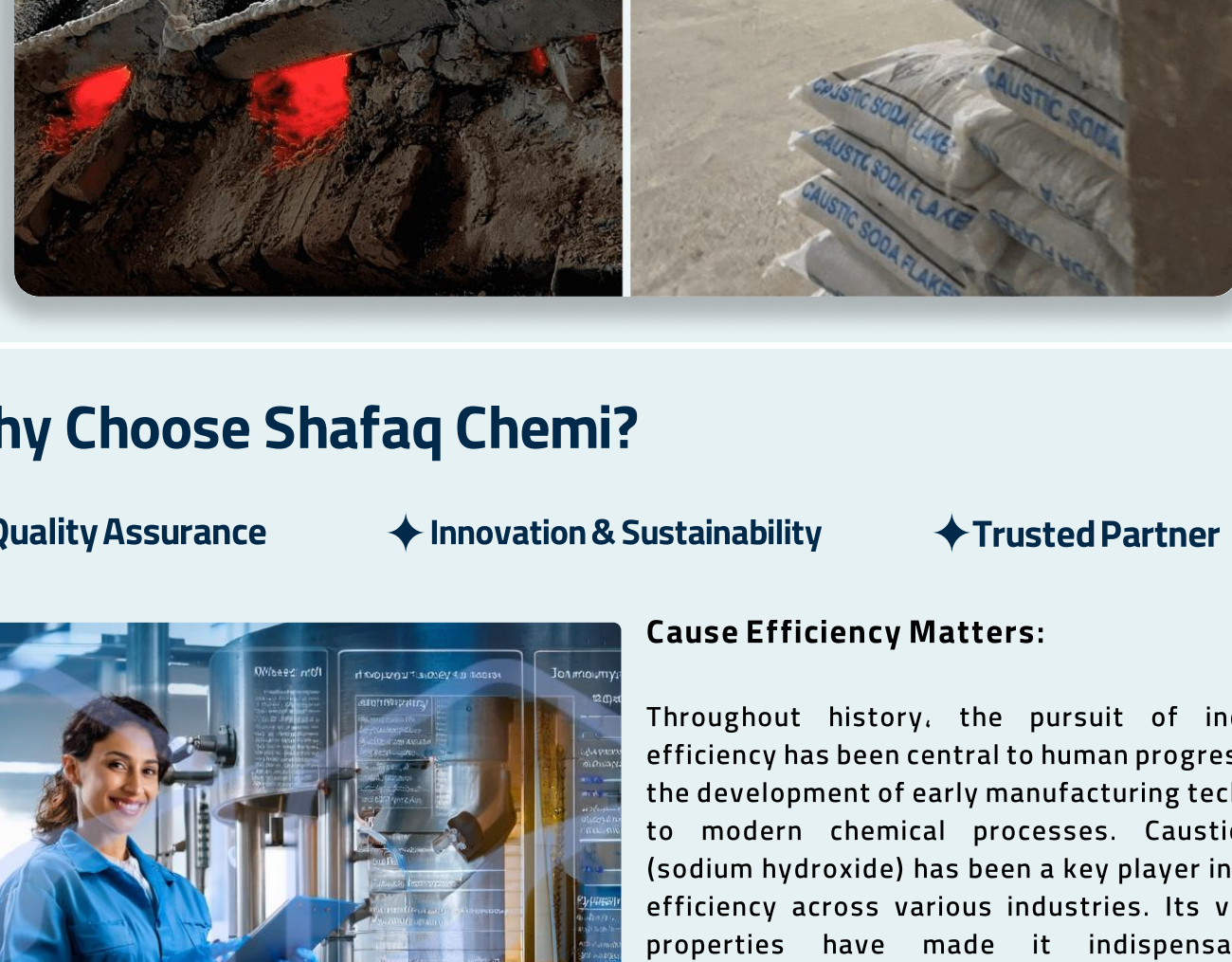
- Certificate of Origin
- MSDS
- Factory Audit
- Bill of Lading
- Invoice List
- Packing List
- Fumigation & Manufacturer's Declaration

Technical Specifications

Our caustic soda flakes boast a minimum purity of 98% and are packed according to industry standards to maintain product integrity. Safety data sheets (MSDS) are provided, outlining chemical considerations and first aid measures in case of contact, along with proper storage and maintenance guidelines.

| Specifications | Accepting Limit |
|-------------------------------------|-----------------|
| NaOH | Min 98 – 99% |
| NaCl | Max 150 PPM |
| NaClO ₃ | Max 70 PPM |
| Ca ²⁺ , Mg ²⁺ | Max 0.3 PPM |
| Na ₂ CO ₃ | Max 0.4 % |
| Hg ²⁺ | NIL |

Gallery

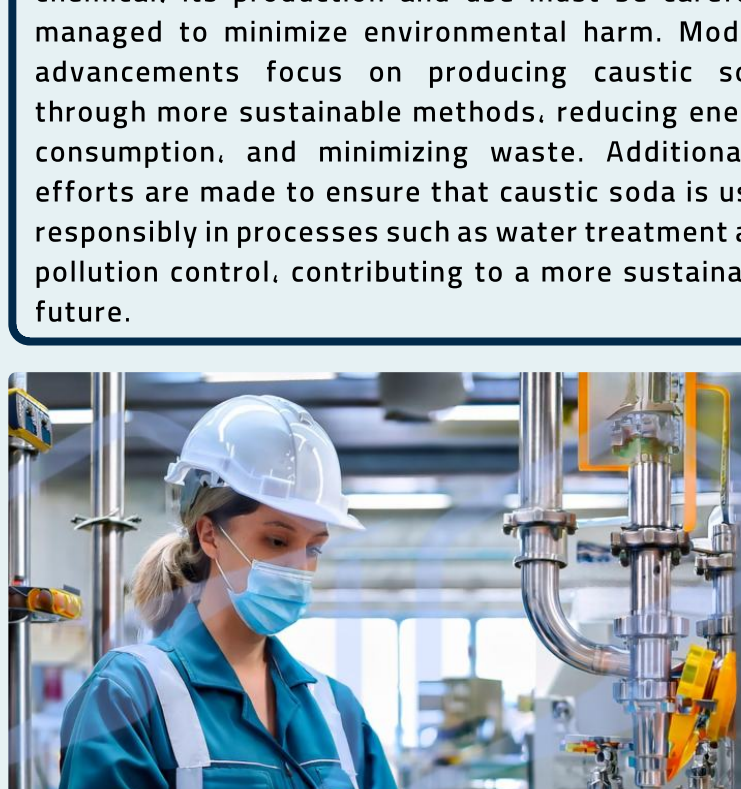


Why Choose Shafaq Chemi?

Quality Assurance

Innovation & Sustainability

Trusted Partner

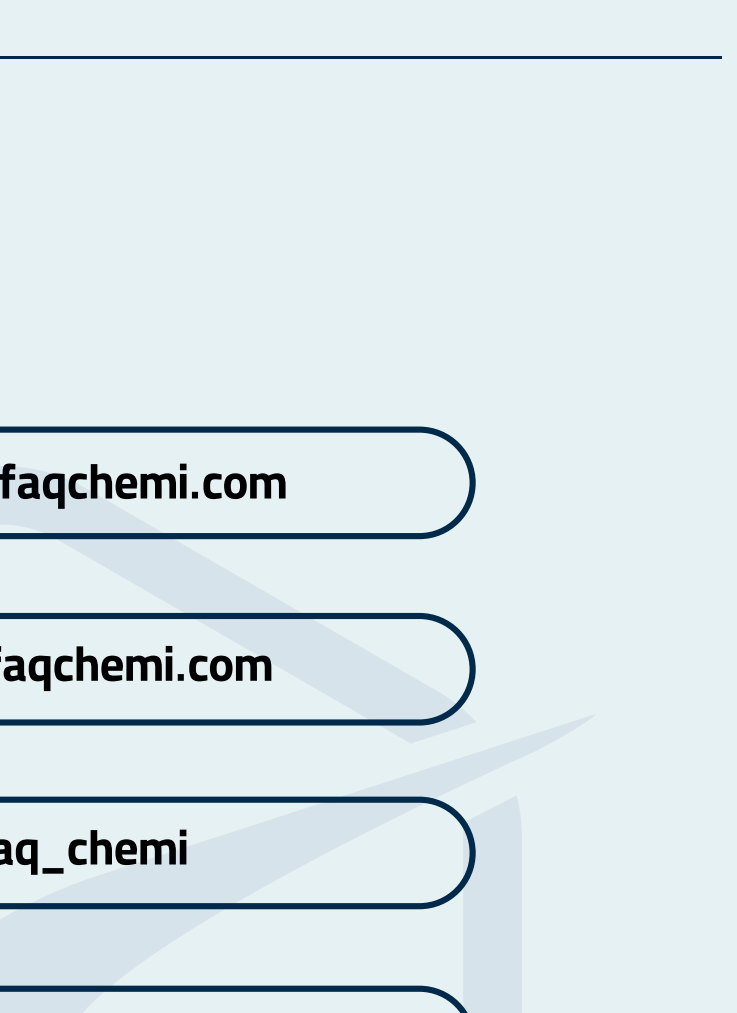


Cause Efficiency Matters:

Throughout history, the pursuit of industrial efficiency has been central to human progress, from the development of early manufacturing techniques to modern chemical processes. Caustic soda (sodium hydroxide) has been a key player in driving efficiency across various industries. Its versatile properties have made it indispensable in applications such as pulp and paper production, textiles, and chemical manufacturing. As industries advanced, the importance of efficient processes and resource conservation became paramount, leading to the optimized use of caustic soda in industrial operations.

Cause Environment Matters:

With growing awareness of environmental concerns, the traditional use of chemicals like caustic soda has been re-evaluated for their environmental impact. While caustic soda is a highly effective industrial chemical, its production and use must be carefully managed to minimize environmental harm. Modern advancements focus on producing caustic soda through more sustainable methods, reducing energy consumption, and minimizing waste. Additionally, efforts are made to ensure that caustic soda is used responsibly in processes such as water treatment and pollution control, contributing to a more sustainable future.



Cause Safety Matters:

The application of caustic soda underscores a commitment to safety and quality in industrial processes. Known for its high reactivity and potent alkaline properties, caustic soda requires careful handling and precise application to ensure safety and efficacy. Industries prioritize stringent safety protocols, from production to end-use, to protect workers and the environment. By adhering to rigorous safety standards and utilizing advanced technology, industries can harness the power of caustic soda while maintaining the highest levels of safety and quality in their operations.

Contact Us



www.Shafaqchemi.com



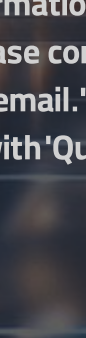
info@shafaqchemi.com



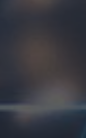
[Shafaq_chemi](https://www.instagram.com/Shafaq_chemi)



[+971503201725](https://www.whatsapp.com/+971503201725)



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Discover Excellence with Shafaq Chemi

For more information about our company, please contact us via WhatsApp or email. We are dedicated to serve you with 'Quality & Integrity.'

shafaqchemi.com
info@shafaqchemi.com
management@shafaqchemi.com
sales@shafaqchemi.com
 +971504290705
 +971503201725