

Caustic Soda Flakes 99.90%

Caustic soda, also known as sodium hydroxide, is a white chemical compound that is produced in different forms such as flakes, pearls, and liquid types. It is a highly potent alkaline substance used in various industrial processes. The purity level of caustic soda flakes, which have a diameter of 0.8mm to 1.2mm, is 99.9%, meaning they contain almost no other unknown elements except for the acidic soda component. The production process for solid caustic soda flakes involves evaporating the caustic soda solution until all the water has been removed. The resulting substance is then broken into small pieces which are white in color.

For your reference, here are the technical specifications of the Caustic soda flakes exported by Buoyancy®

| Properties | Test Method | Unit | Accepting Limit | Results |
|--------------------|-------------|-------|-----------------|--------------|
| Noah | ASTM D-3875 | %W | Min 98 | 99.16 |
| Nacl | ASTM D-3875 | %W | Max 0.06 | 0.0085 |
| Na2Co3 | ASTM D-3875 | %W | Max 1 | 0.43 |
| Fe | ASTM D-3875 | mg/kg | Max 30 | 12.5 |
| Na2So4 | ASTM D-516 | %W | Max 0.01 | 0.0047 |
| Sio2 | ASTM D-859 | %W | Max 0.02 | 0.0019 |
| Al2O3 | ASTM D-3875 | mg/kg | Max 20 | <20 |
| Insoluble In Water | ASTM D-3875 | %W | Max 0.1 | 0 |
| Heavy Metal (Pb) | ASTM D-3875 | mg/kg | Max 20 | <20 |
| Appearance | Visual | -- | -- | White flakes |

Common uses for caustic soda flakes

1. soap and detergent manufacturing
2. paper & pulp manufacturing
3. petroleum refining (Oil Exploration)
4. Alumina Refineries
5. Neutralization of waste acids
6. cleaning agents in households and industries.
7. Textile bleaching
8. Water treatment plants to adjust the pH levels of water.



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Packing

Buoyancy® exports caustic soda flakes in two packaging options to prevent moisture absorption. The first option is 25 KG PP bags, while the second is 50 KG PP bags placed in a jumbo bag if needed. Additionally, we can pack the caustic soda flakes in a jumbo bag with or without a pallet and shrink-wrap them based on the customer's specific requirements.

Storage

1. According to the relevant regulations, Caustic soda must be stored, maintained, and used.
2. Store in a cool place and out of direct sunlight.
3. Store away from foodstuffs.
4. Do not store in aluminum or galvanized containers nor use die-cast zinc or aluminum bungs; instead, plastic bungs should be used.
5. At temperatures greater than 40°C, tanks must be stress relieved.
6. Keep containers closed when not in use - check regularly for leaks.

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COMMENTS

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Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet ("SDS") contains essential environmental, health, and safety information concerning its handling and storage. This product's most current version of the SDS can be obtained by contacting a Buoyancy General Trading LLC representative.



+971 04 2809586
+971 04 263 9816 (Fax)



sales@buoyancy.ae
inquiry@buoyancy.ae



www.buoyancy.ae
P O Box Number : 86703 Dubai, UAE



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P O Box Number : 86703 Dubai, UAE