POLESTAR
نجم القطب
Polestar Worldwide General Trading LLC

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. It is a highly potent alkaline substance used in various industrial processes. The purity level of caustic soda flakes, which have a diameter of 0.8 mm to 1.2 mm, is 99.9%, meaning they contain almost no other elements except for the sodium hydroxide 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 white pieces.

For your reference, here are the technical specifications of the Caustic soda flakes exported by Polestar Worldwide General Trading LLC

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 for adjusting the pH levels of water.

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Packing

We export 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 aluminium or galvanized containers, nor use die-cast zinc or aluminium 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.

COMMENTS

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.

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

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