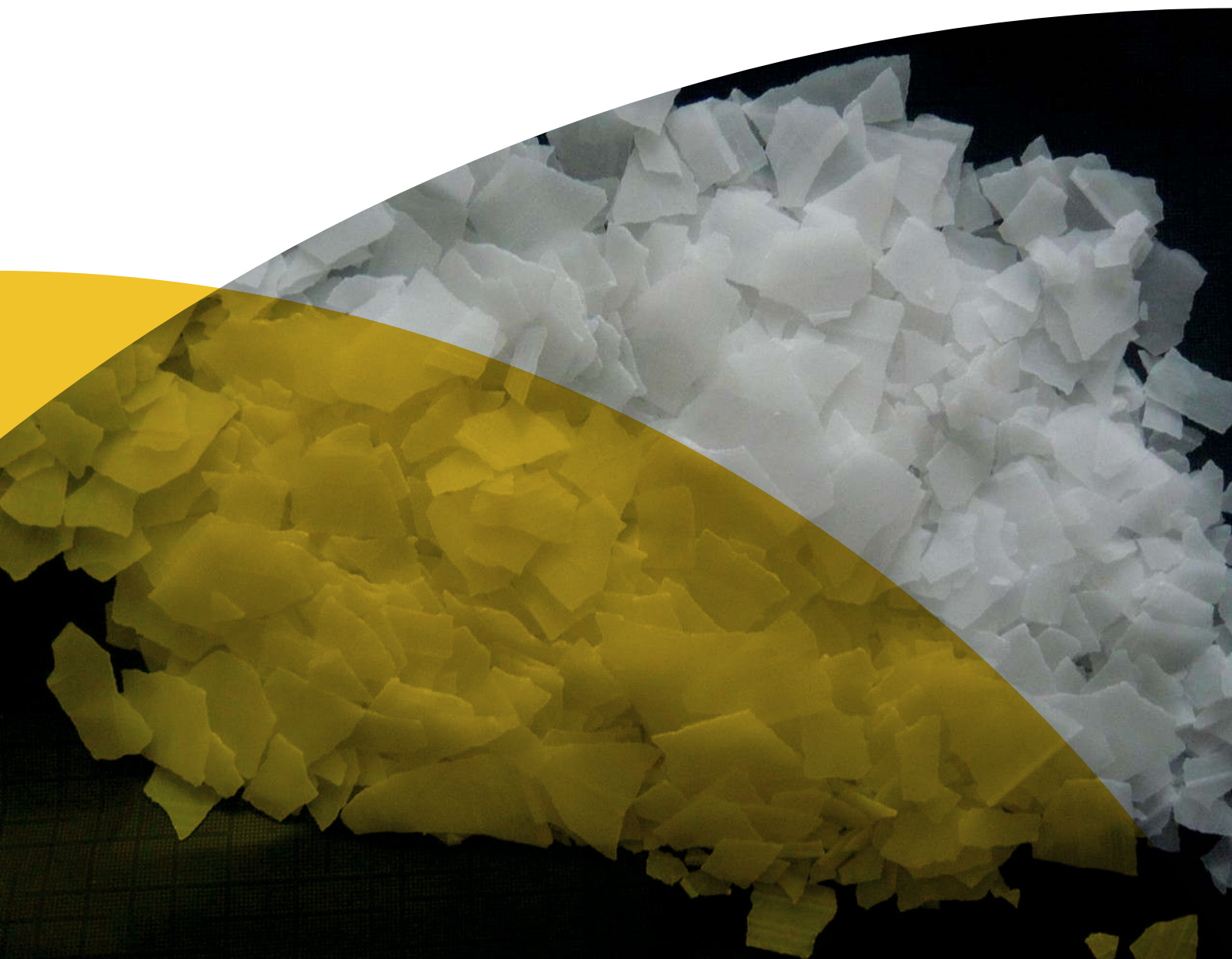




# DISCOVERING **SODIUM HYDROXIDE**

Dara EMC is a well-known export industry leader known for its dedication to provide consumers high-quality items at the most affordable pricing. Dara EMC has established a reputation for dependability, professionalism, and top-notch customer service over the course of its many years in the business. Dara EMC specializes in exporting a variety of goods, such as chemical products, agricultural products, textiles, and more. To guarantee that our customers receive only the highest quality products, our products are carefully chosen from trustworthy leading manufacturers and suppliers.

At Dara EMC, providing great customer service is one of our fundamental beliefs. We pride ourselves on our prompt response times and effective communication, and we work hard to make the purchasing experience as easy and hassle-free as possible for our clients. All inquiries can be answered, and advice on product selection, shipping, and customs procedures can be obtained at any time from our team of professionals. In order to give our clients the best possible value, we continuously review market trends and alter our pricing as necessary. However, we are fully committed to keeping our promises regarding our prices. We recognize the significance of competitive pricing in the global marketplace. We have grown to be a leader in the export market and a dependable partner for companies throughout East Asia thanks to our dedication to quality, dependability, and great customer service.



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# Introduction To Sodium Hydroxide

*Sodium hydroxide, also known as caustic soda, is a highly reactive and corrosive alkali compound with the chemical formula NaOH.*



Sodium hydroxide is a white solid at room temperature, and it has a slippery texture due to its ability to dissolve in water.

Sodium hydroxide is an essential compound in many industries, including chemical manufacturing, petroleum refining, textiles, paper and pulp, food processing, and water treatment.

It is commonly used as a strong base and an industrial cleaning agent, as well as in the production of soaps, detergents, and bleach.

Sodium hydroxide is also used in the production of certain metals, such as aluminum, as well as in the synthesis of pharmaceuticals and other chemicals.

Despite its many uses, sodium hydroxide must be handled with care, as it is highly corrosive and can cause severe burns and eye damage if not handled properly.





# Applications Of Sodium Hydroxide

## Chemical Manufacturing

Sodium hydroxide is used as a key ingredient in the production of several chemicals, such as sodium salts, dyes, detergents, and soaps. It is also used in the manufacturing of paper, textiles, and petroleum products.



## Water Treatment

Sodium hydroxide is used in water treatment plants to regulate the pH of water by neutralizing acidic water. It can also be used to remove heavy metals and other impurities from water.





## Making Soap

Sodium hydroxide is an essential ingredient in the soap-making process. When mixed with fats or oils, it creates a chemical reaction called saponification, which results in the formation of soap.



## Food Processing

Sodium hydroxide is used in food processing to peel fruits and vegetables, particularly in the production of canned and frozen foods. It is also used to neutralize acids in food, adjust pH levels, and to clean equipment and containers.

# Types Of Sodium Hydroxide

Sodium hydroxide, also known as caustic soda, is available in different forms:

- ✓ Solid Pellets
- ✓ Flakes
- ✓ Liquid Solutions





# Purity Levels Of Sodium Hydroxide

The purity levels can vary depending on the manufacturing process and the intended application.



Sodium hydroxide in solid pellet form is commonly used in various industrial applications, such as the production of paper, textiles, and petroleum products. The purity level of solid pellets typically ranges from 95% to 99%.



Sodium hydroxide in flake form is often used in soap making, food processing, and water treatment. The purity level of flakes can range from 96% to 99%.



Sodium hydroxide is available in liquid form in different concentrations, ranging from 20% to 50%. Liquid solutions are commonly used in water treatment, chemical manufacturing, and cleaning products. The purity level of liquid solutions can vary depending on the concentration, but it is typically above 95%.



# Packaging

## Sodium Hydroxide

Sodium hydroxide is available in various packaging options depending on the form of the compound, the intended use, and the manufacturer. Here are some common packaging options:



### Bags

Solid pellets and flakes of sodium hydroxide are often packaged in heavy-duty bags made of plastic or paper. Bag sizes can vary from 25 kg to 1,000 kg (55 lbs to 2,200 lbs) or more, depending on the manufacturer.



### Drums

Sodium hydroxide in liquid form is often packaged in drums made of high-density polyethylene (HDPE) or other suitable materials. Drum sizes can vary from 20 liters to 250 liters (5 gallons to 55 gallons), depending on the manufacturer.



### Containers

Sodium hydroxide in liquid form can also be packaged in intermediate bulk containers (IBCs), which are large, reusable containers made of plastic or metal. IBC sizes can vary from 500 liters to 1,000 liters (130 gallons to 260 gallons), depending on the manufacturer.



# Quality Control

Dara EMC is **committed to ensuring the purity and consistency** of its sodium hydroxide products.

## Raw Material **Selection**

Raw material selection is a critical component of Dara EMC's quality control program. The company selects high-quality raw materials from trusted suppliers who meet rigorous quality standards. Raw materials are tested for impurities before they are accepted to ensure the purity of the sodium hydroxide.

## Packaging **Standards**

Dara EMC's packaging and labeling are consistent with industry standards and regulatory requirements. The company ensures that the product labeling is accurate, and the packaging is intact, and the product is properly stored. Our products are packaged in 25kg bags, which are then placed inside jumbo bags. This method of packaging is favored by most of our customers.

# Essential Details

*Classification: Chemical*

*Place of Origin: Middle East*

*Purity: 99%*

*Appearance: White flakes*

*Brand Name: Dara*

*Expiry date: Depends on keeping conditions*

*Sample: 25KG*

# Supply Ability

*1000 Metric Tons per Month*



Available  
Languages  
for Negotiation

English - 中文  
العربية - فارسی

# Product Analysis

## Caustic Soda Flake (NaOH)98.33%

Item	Property	Unit	Test Method	RESULT
1	NaOH	%	ISIRI 2530	98.33 Min
2	NaCl	%	ISIRI 2535	0.04
3	Na <sub>2</sub> CO <sub>3</sub>	%	ISIRi 2533	0.48
4	Fe	mg/kg	ISIRI 2537	4
5	Na <sub>2</sub> SO <sub>4</sub>	%	Isiri 364	Nil
6	SiO <sub>2</sub>	%	Isiri 364	0.01
7	NaClO <sub>4</sub>	mg/kg	Isiri 364	Nil
8	Hg	mg/kg	Isiri 364	Nil
9	As <sub>2</sub> O <sub>4</sub>	ppm	Isiri 364	0.008
10	Heavy Metal (Pb)	mg/kg	siri 364	<1
11	Insoluble in water	%	siri 364	Low than detection limit





## Get In Touch

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