

Caustic Soda Pearls



General

Caustic Soda Pearls is a high purity solid Anhydrous Sodium Hydroxide in form of micro spherical particles (prills, pearls). This microspherical solid state has several advantages respect flakes or other forms:

- Uniform and optimum size to facilitate good blending in dry mix formulations with excellent free-flow properties.
- Prills are hard and crush resistant. Don't break easily into irritant dust hence have lower moisture absorption, reduces the risk of caking and reduce the exposition to dust to persons handling the product.
- Prills dissolve faster and require less time of agitation.
- Being a denser product than flakes occupy less space for same weight optimizing the use of the storage space and minimizing transport costs.

Applications

Caustic soda pearls has multiple applications in the industrial sectors of:

Chemical Production	Detergents, soap and cleaners.
Oil and gas production	- Petroleum and natural gas production.
Paper, pulp and rayon	- Textile finishing process.
Agriculture	- Food process and edible oil refining
Beverage and dairies	- Pharmaceutical
General Purposes	- Municipal water, sewage treatment

Physical Properties

PARAMETER	SPECIFICATION
Form	Microspheres: 0.50 – 2.00 mm dia.
Appearance	Deliquescent solid
Colour	White
Odour	None

Chemical Properties

PARAMETER	SPECIFICATION
Content in NaOH	99.0 % (minimum)
NaCl	0.046 % wt (max)
Na ₂ CO ₃	0.94 % (max)
Na ₂ SO ₄	0.038 % (max)
Fe	5 ppm (wt) (max)
Ni pick-up	3 ppm (wt) (max)

Packing & Storage

Caustic Soda pearls is packed in 25 Kg. plastic bags, 25 Kg. steel drums, 1000 Kg. jumbo bags.

Caustic Soda prills should be stored in its original sealed packs in a dry, cool and well ventilated storage area protected from direct sunlight.

Long storage period can cause lumps formation which doesn't affect the quality of the product.

**Handling/Safety
Precautions**

Personal protection is highly needed to avoid skin and eye contact with caustic soda.
Wear chemical-resistant clothing and protective gloves. This material is corrosive we
recommend to read SDS before handling this product.

Please read Safety Data Sheet before using.

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