

Sodium Cyanide 98%

Adjust alkalinity

lime or caustic soda is generally used to adjust and maintain a pH value of 10-12;

Applicable scope

Gold, silver ore, cyanide tailings, roasted gold concentrate, sulfuric acid cinder, lead-zinc cinder, anode Various gold-containing materials such as mud;

Sodium Cyanide Description

Sodium cyanide is an important basic chemical raw material used in basic chemical synthesis, electroplating, metallurgy and organic synthetic medicine, pesticides and metal treatment. Complexing agent, masking agent. Refining and plating of precious metals such as gold and silver.

Used in the metallurgical industry to extract precious metals such as gold and silver.

Sodium cyanide is a cubic crystal system, white crystalline particles or powder, easily deliquescent, with a faint bitter almond smell. The chemical formula is NaCN, the melting point is 563.7 C, and the boiling point is 1496 C. It is easily soluble in water and easily hydrolyzed to generate hydrogen cyanide. The aqueous solution is strongly alkaline. It is an important basic chemical raw material and a compound containing cyanide (CN).

The application of sodium cyanide in gold ore beneficiation can improve the recovery rate of the entire gold ore beneficiation process.

The following is a picture of sodium cyanide.

*Sodium cyanide is a special chemical, please prepare an import permit before importing. If you are interested in our Sodium Cyanide Price, please feel free to contact us !

Sodium hydroxide, also known as caustic soda, chemical formula NaOH. Sodium hydroxide has strong alkalinity, and can be used as acid neutralizer in the extraction of gold by carbon pulp method and heap leaching method, improving pH value and reducing chemical consumption.

Basic Information

Content: 99%

Chemical formula: NaOH

Molecular weight: 40.00

CAS number: 1310-73-2

EINECS Number: 215-185-5

Physical and chemical properties

Density: 2.13g/cm³

Melting point: 318°C

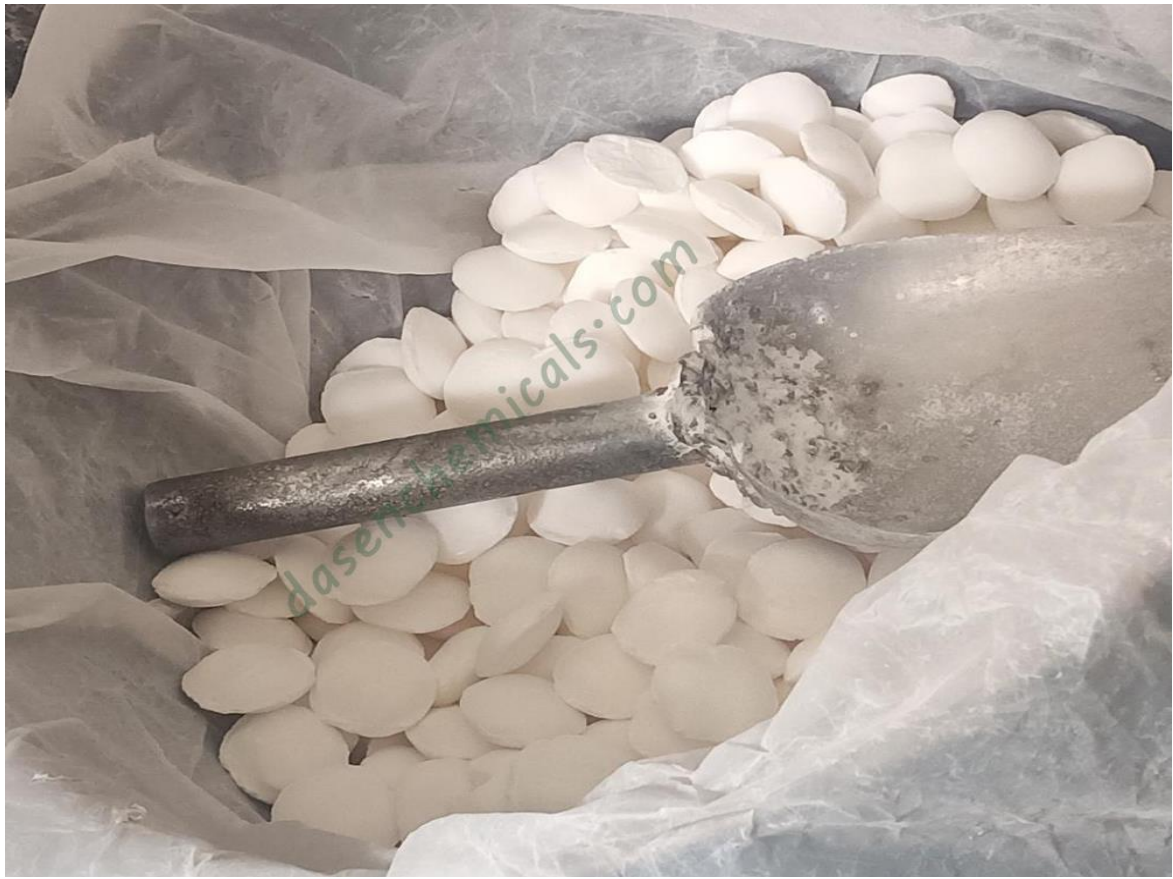
Boiling point: 1388°C

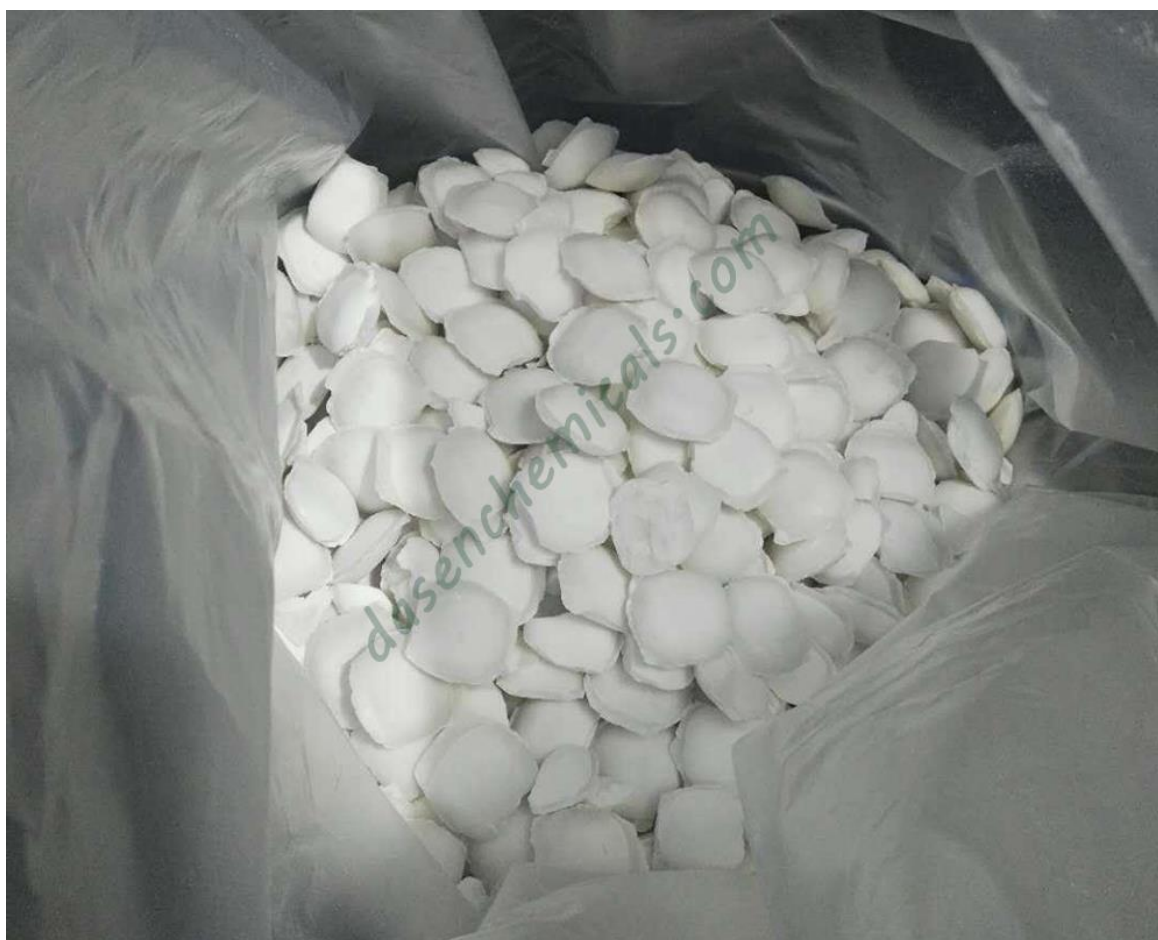
Critical pressure: 25MPa

Saturated vapor pressure: 0.13kPa (739°C)

Appearance: white crystalline powder









Sodium hydroxide should be stored in a cool, dry and well-ventilated warehouse. Keep away from fire and heat sources. The storage temperature should not exceed 35°C, and the relative humidity should not exceed 80%. The packaging must be sealed and must not get wet. It should be stored separately from combustibles, acids, etc., and should not be stored together. Storage areas should be provided with suitable materials to contain spills.

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