

[NaOH]

SODIUM HYDROXIDE (CAUSTIC SODA)

CHEMICAL FORMULA: NaOH

MOLECULAR WEIGHT: 39,99

APPEARANCE: Colorless or clear liquid

Technical properties:

ITEM	Sodium hydroxide purified mercury GOST 11078-78, REV 1-3		Sodium hydroxide diaphragm GOST R 55064-2012		Sodium hydroxide purified membrane TU 2132-034-46696320-2006 REV 1, 2, 3		
	Grade A	Grade B	Top grade	First grade	Top grade	First grade	Second grade
Sodium Hydroxide (as NaOH), %, no less than	46	45	46	44	48-52	46-52	31
Sodium Carbonate (as Na ₂ CO ₃), %, no more than	0.15	0.20	0.6	0.8	0.05	0.10	—
Sodium Chloride (as NaCl), %, no more than	0.007	0.01	3.0	3.8	0.012	0.020	—
Sulfates (as SO ₄), %, no more than	0.002	0.005	—	—	0.006	0.006	—
Iron (as Fe ₂ O ₃), %, no more than	0.0007	0.001	0.007	0.02	0.0005	0.0010	—
Sodium Chlorate (as NaClO ₃), %, no more than	0.0001	0.005	0.25	0.3	0.0010	0.0020	0.006
Nickel (as Ni), %, no more than	0.00001	0.00004	—	—	0.00006	0.00006	—

Note:

Impurities given on 100% product equivalent.

Applications

Sodium Hydroxide Diaphragm is widely used in chemical, petrochemical, textile, paper and pulp industries, non-ferrous metallurgy and in food industry.

Packing, shipping and storage

Membrane and mercury refined sodium hydroxide is filled into rubberized tank-cars, and into stainless steel containers, drums or smaller containers. It can be transported by all transportation means in accordance with the dangerous goods regulations for this means of transportation. It should be stored in closed tanks made of strong alkali-resistant materials. The guaranteed storage life for this product is three years from the date of production.

Diaphragm commercial sodium hydroxide is filled into steel rail tanks. It is transported in accordance with the dangerous goods regulations. It should be stored in closed tanks made of alkali-resistant materials. The guaranteed storage life for this product is one year from the date of production.

Special properties

Non-inflammable, non-explosive corrosive substance.