



Product description

Product	Sodium hydrate, caustic soda
Appearance	Spherical or hemispherical granules of white color, slight color is allowed
Molecular formula	NaOH
Applications	In the chemical, gas, metallurgical, petrochemical industries. For degreasing and processing equipment and containers at food industry enterprises (dairies, fat-and-oil plants, distilleries, tobacco factories, etc.). In the textile, glass, rubber and other industries.
Product information	STO 00203275-206-2007

Physico-chemical properties

NAME OF INDICATOR	MEANING	
	HIGHEST GRADE	FIRST GRADE
Molecular mass	40	
Mass fraction of sodium hydroxide(caustic soda, sodium hydroxide)(NAOH), %, not less	99.5	99.0
Mass fraction of sodium carbonate (Na₂CO₃), %, no more	0.5	1.0
Mass fraction of sodium chloride, %, no more	0.005	0.01
Mass fraction of sulfates (SO₄), %, no more	0.005	0.005
Mass fraction of iron in terms of iron oxide (F₂O₃), %, no more	0.002	0.004
Mass fraction of mercury, %, no more	0.0001	0.0001

Transportation, Storage and packing

By all types of transport in packaged form in covered vehicles in accordance with the rules for the carriage of dangerous goods in force for this type of transport. The rate of loading into wagons: when packing in bags with a mass capacity of 25 kg - 60 tons. Packaged caustic soda should be stored in closed storage facilities, excluding the ingress of moisture, in stacks on pallets, flooring, gratings. Caustic soda packed in polypropylene bags with a valve is not allowed to be stored in an upright position. When storing in heated warehouses, bags and transport bags with caustic soda are placed at a distance of at least one meter from heating devices. The guaranteed shelf life is one year from the date of manufacture. Polypropylene bags with a valve and a polyethylene liner with a weight of 25 kg, sealed polyethylene bags, packed using the FFS technology, corresponding to the 5H4 tightness class, with a weight of 25 kg, on pallets, formed into pallets up to 1000 kg, covered with stretch film using the Stretch technology -Hood ", specialized soft containers for bulk products made of polypropylene fabric, type MKR, with a net weight of no more than 1000 kg. Individual FIBCs and pallets are available on request. All necessary markings must be applied to the packaging in accordance with STO 00203275-206-2007.

Corrosive substance. Refers to highly hazardous substances (hazard class 2). Causes chemical burns when in contact with the skin. Fire and explosion proof.