

NaOH

CAUSTIC SODA FLAKES

№ CAS 1310-73-2
STO 00203312-017-2011



Technical properties:

| Indicator description | Norm |
|---|--|
| Appearance | Flake mass of white color. Light dye is allowed |
| Mass fraction of sodium hydroxide, %, minimum | 98,5 |
| Mass fraction of sodium carbonate, %, maximum | 0,8 |
| Mass fraction of sodium chloride, %, maximum | 0,05 |
| Mass fraction of iron calculated as Fe ₂ O ₃ , %, maximum | 0,004 |
| Total mass fractions of iron and aluminum oxides, %, maximum | 0,02 |
| Mass fraction of silicic acid calculated as SiO ₂ , %, maximum | 0,02 |
| Mass fraction of sodium sulfate, %, maximum | 0,03 |
| Total mass fractions of calcium and magnesium calculated as Ca, %, maximum | 0,01 |
| Mass fraction of sodium hypochlorite, %, maximum | 0,01 |
| Total mass fractions of heavy metals settled by H ₂ S calculated as Pb, %, maximum | 0,01 |
| Mass fraction of mercury, %, maximum | 0,0005 |

APPLICATION. The product is used in organic synthesis processes, petroleum products refining, textile industry in production of viscose silk and in bleaching fabrics, in paper and aniline industry, soap making, production of aluminum and sodium metal, soluble glass, alkaline accumulators, Trilon B.

SAFETY REQUIREMENTS. In terms of effect on organism, the product pertains to the 2 class of hazard.

CERTIFICATION. A Compliance Certificate and an Application Certificate of the product have been issued for the caustic soda flakes to be used in technologic processes of oil recovery and transport.

STATE REGISTRATION. The product has been registered in the Potentially Hazardous Chemical and Biological Substances Register of the RF.

PACKING AND TRANSPORTATION. Caustic soda flakes are transported by railway and motor transport. 25 kg, 50 kg polypropylene bags, special soft containers with a maximum mass of 1,000 kg, 60 kg polyethylene barrels (without the insert) are used for packaging the product. Transportation in 20 and 40-foot sea vans is possible for countries outside the CIS.

GUARANTEED SHELF LIFE. Guaranteed shelf life of the product is 1 year from the manufacture date.

NOTES. Rates of impurities are given calculated as 100% product. Indicator description in the paragraphs 6-12 guaranteed by the manufacturer and determined 1 time in 6 months.

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