

## CAUSTIC SODA PEARLS

(sodium hydroxid)

STO 00203275-206-2007

REACH: 01-2119457892-27-0023

[ISO 22000:2005](#)
**CHEMICAL FORMULA:** NaOH

**MOLECULAR MASS:** 40

**APPEARANCE:** Spherical or semi-spherical white granules.

### SPECIFICATION:

INDICATOR NAME	UNIT	JSC "KAUSTIK"
Appearance		Granules of spherical or semispherical form
Color		white
Mass fraction of sodium hydroxide (caustic soda) min	g/kg	995 (998 in fact)
Mass fraction of sodium carbonate (Na <sub>2</sub> CO <sub>3</sub> )	g/kg	< 4,2
Mass fraction of sulfate (SO <sub>4</sub> )	mg/kg	< 50
Mass fraction of sodium chloride (NaCl)	mg/kg	< 20
Mass fraction of iron in equivalent to ferric oxide (Fe <sub>2</sub> O <sub>3</sub> )	mg/kg	< 6
Mass fraction of iron	mg/kg	< 4,2
Mass fraction of mercury (Hg), %	mg/kg	< 0,2
Mass fraction of silicic acid (silicon dioxide)	mg/kg	7-20
Mass fraction of lead	mg/kg	< 0,025
Mass fraction of calcium	mg/kg	100-130
Mass fraction of nickel	mg/kg	0,6-2,5
Mass fraction of chrome	mg/kg	0,4-0,6
Mass fraction of copper	mg/kg	< 0.011
Mass fraction of arsenic	mg/kg	< 0,1
Mass fraction of cadmium	mg/kg	< 0,0035
Mass fraction of heavy metals	mg/kg	< 10
Grain size	mm	1,8-2,3

**APPLICATION:** The product is used in chemical, gas, metallurgy, petrochemical and other industries. Used for degreasing and treatment of packaging in food industry (dairy plants, liquor enterprises, tobacco plants etc.). It is also used in textile, glass, rubber technical and other industries.

**PACKING:** 2-ply PE airtight valve bags; cloth polypropylene bags with valve and polyethylene insert with capacity of 22.7, 25 and 50 kg, palletized and fixed on pallets with shrink film; special big bags for solid hazardous cargoes with max net weight 1000 kg. Packing in recyclable airtight (sealed) polyethylene bags with 21.5 – 50 kg in conformity with Eurostandard is also provided.

**TRANSPORTATION AND STORAGE:** The packaged product can be transported by all means of transport in conformity with the Rules of Transportation of Hazardous Cargoes effective for this particular transport means. It should be stored in covered warehouses excluding ingress of moisture. Guaranteed shelf life is 1 year from date of manufacturing.

**SPECIAL PROPERTIES:** Caustic substance. Belongs to high harmful substances (hazard class 2). Causes chemical burns in case of skin. Fire- and explosion-proof.

