

SODIUM HYDROXIDE

Sodu wodorotlenek

NaOH

M = 40,00 g/mol

CAS: 1310-73-2

WE: 215-185-5



H: 290, 314
 P: 280, 301+330+331, 305+351+338
 RID/ADR: 8, II UN: 1823



Physical and chemical properties:

Character:	solid	Vapour pressure:	1,33 hPa (739°C)
Colour:	white	Density:	2,3 g/cm ³ (20°C)
Odor:	odorless	Bulk density:	~1000 kg/m ³
pH:	> 12 (1M, H ₂ O, 20°C)	Solubility:	
Melting point:	324°C	in water:	1090 g/l (20°C)
Boiling point:	1390°C	in organic solvents:	alcohol, glycerol
Explosion limits:	not applicable		

Sodium hydroxide pure

CHEM*428109251

100 g	250 g	Assay	min. 98,0 %
500 g	750 g	Sodium carbonate (Na ₂ CO ₃)	max. 1,0 %
1 kg	2 kg	Total nitrogen (N)	max. 0,0007 %
5 kg	10 kg	Chlorides (Cl)	max. 0,015 %
15 kg	18 kg	Phosphates (PO ₄)	max. 0,002 %
25 kg		Assay SiO ₂	max. 0,008 %
		Sulfates (SO ₄)	max. 0,005 %
		Heavy metals (as Pb)	max. 0,002 %
		Aluminium (Al)	max. 0,002 %
		Calcium (Ca)	max. 0,005 %
		Iron (Fe)	max. 0,0015 %

Sodium hydroxide pure p. a.

CHEM*118109252

100 g	250 g	Assay	min. 98,8 %
500 g	750 g	Sodium carbonate (Na ₂ CO ₃)	max. 0,7 %
1 kg	2 kg	Total nitrogen (N)	max. 0,0005 %
5 kg	10 kg	Chlorides (Cl)	max. 0,005 %
15 kg	20 kg	Phosphates (PO ₄)	max. 0,001 %
25 kg		Assay SiO ₂	max. 0,005 %
		Sulfates (SO ₄)	max. 0,003 %
		Heavy metals (as Pb)	max. 0,001 %
		Barium(Ba)	max. 0,0005 %
		Zinc (Zn)	max. 0,0005 %
		Aluminium (Al)	max. 0,001 %
		Cadmium (Cd)	max. 0,0005 %
		Cobalt (Co)	max. 0,0005 %
		Magnesium (Mg)	max. 0,0005 %
		Manganese (Mn)	max. 0,0005 %
		Copper (Cu)	max. 0,0005 %
		Nickel (Ni)	max. 0,0005 %
		Lead (Pb)	max. 0,0005 %
		Argentum (Ag)	max. 0,0005 %
		Strontium (Sr)	max. 0,0005 %
		Calcium (Ca)	max. 0,001 %
		Iron (Fe)	max. 0,0005 %