



TECHNICAL DATA SHEET

SODIUM HYDROXIDE 1M (1N) STANDARDIZED SOLUTION TRACEABLE TO NIST

Article No.	BVS16010	Molecular Formula	NaOH
H.S. Code	2815.1200	Molecular Weight	40
CAS No.	1310-73-2		

Physical Properties

Physical state at 20 °C	Solid
Colour	White pellets
Odour	Odorless
pH value	Alkaline
Melting point [°C]	318 °C
Boiling point [°C]	1390°C
Vapour pressure [20°C]	14 mm of Hg (@ 20°C)
Vapour pressure mm/Hg	14 mm of Hg (@ 20°C)
Vapour density	>1
Density [g/cm ³]	2.13
Solubility in water [% weight]	Soluble in water

Specifications

Appearance A clear colorless liquid
Titration factor 0.998-1.002

Safety Information and Hazard Symbols



Symbol	GHS05
Signal Word	Danger
UN No	1824
IMCO Class No.	8
Hazardous Statement	H314-H318

Precaution Statement	P260h-P303+P361+P353-P305+P351+P338-P301+P330+P331-P405-P501a
Packing Group	III