



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Sodium Hydroxide (Caustic Soda)

Product: Sodium Hydroxide (Caustic Soda)

Molecular Formula: NaOH

Molecular Weight: 40.0 g/mol

Cas No.: 1310-73-2

Density: 2.13 g/cm³ (solid); 1.52 g/cm³ (50% solution)

UN No. UN 1823, Class 8, PG II (solid); UN 1824, Class 8, PG II (solution)

HS Code: 28151100

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
NaOH content	≥99.0%	≥96.0%	99.3%
Na ₂ CO ₃	≤0.5%	≤1.0%	0.3%
NaCl	≤0.05%	≤0.10%	0.03%
Iron (Fe)	≤10 ppm	≤20 ppm	6 ppm
Heavy metals (as Pb)	≤10 ppm	≤20 ppm	6 ppm
Moisture	≤0.5%	≤1.0%	0.4%

Chemical Properties

Chemical Properties: White flakes, pearls or colorless liquid. Density: 2.13 g/cm³ (solid); 1.52 g/cm³ (50% solution).

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