



KENCRO

CHEMICALS

SPECIFICATIONS: SODIUM HYDROXIDE SOLIDS (CAUSTIC SODA PEARLS)

GENERAL INFORMATION

Chemical Name	Sodium Hydroxide
Chemical Formula	NaOH - CAS# 1310-73-2
Molecular Weight	40.01

PHYSICAL AND CHEMICAL CHARACTERISTICS

Mean Diametre	~0.75mm
Density (at 20°C)	2.13kg/dm ³
Apparent Density (at 20°C)	~1.14 kg/dm ³
Melting Point (under 101.3kPa)	318.4°C
Specific Heat (at 20°C)	2.01 kJ/kg°C
Melting Heat (at 15°C)	167.5 J/g
Standard Forming Heat (at 25°C)	10.67 kJ/g

CHEMICAL ANALYSIS	SPECIFICATIONS
Total Alkalinity (NaOH)	99 % min
Sodium Carbonate (Na ₂ CO ₃)	0.4 % max
Chlorides (Cl)	40 ppm max
Iron (Fe)	10 ppm max
Sulphate (SO ₄)	40 ppm max
Arsenic (As)	3 ppm max
Lead (Pb)	0.5 ppm max
Mercury (Hg)	0.05 ppm max
Heavy Metals (Pb)	20 ppm max
Insoluble Substances and Organic Matter	Conform to Visual Test

Meets Food Chemical Codex 5th edition and Commission Directive 2000/63/EC (Purity criteria E 524) laying down specific criteria for food additives other than colours and sweeteners.

SAFETY

As with any chemical, Sodium Hydroxide Solids require care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the appropriate material and safety data sheet.

FOR FIRE, HEALTH, SAFETY, AND FIRST AID INFORMATION, PLEASE REFER TO MSDS

All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility.

SPEC#: INUIA1

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