

PRODUCT IDENTIFICATION

**Product Name:** Sodium Hydroxide 30% ACS Grade**CAS Number:** 1310-73-2**Molecular Formula:** HNaO**Molecular Weight:** 39.997 g/mol**Grade:** ACS Grade**Purity / Concentration:** 30%**Synonyms:** Not Available

PRODUCT OVERVIEW

Sodium Hydroxide 30% ACS Grade is a high-purity, clear, and slightly viscous liquid essential for precise chemical processing. Meeting the stringent standards of the American Chemical Society, this solution ensures reliable performance in demanding laboratory and industrial environments.

Grade Significance: ACS Grade signifies that the product meets the rigorous purity standards set by the American Chemical Society, ensuring it is suitable for critical laboratory and analytical applications where contaminants could compromise results.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

Certificate of Analysis data not available for this product.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, slightly viscous pale liquid	Form	Liquid
Boiling Point	1390°C (pure)	Melting / Freezing Point	318°C (pure)
Specific Gravity	1.328	Solubility	Fully soluble in water
Molecular Formula	HNaO	Molecular Weight	39.997 g/mol

APPLICATIONS

- Laboratory Research** — Used as a high-purity reagent for analytical testing and precise pH adjustment in experimental procedures.
- Pharmaceutical Manufacturing** — Serves as a critical pH regulator and reactant in the synthesis of high-quality pharmaceutical intermediates.
- Water Treatment** — Applied for effective pH neutralization and heavy metal precipitation to ensure compliance with water safety standards.
- Chemical Synthesis** — Functions as a strong base catalyst or reactant in the production of various specialized chemical compounds.
- Food and Beverage** — Utilized in controlled cleaning processes and equipment sanitation where high-grade chemical purity is required.

STORAGE & HANDLING

Sodium Hydroxide 30% is highly corrosive and requires storage in compatible, chemically resistant containers to prevent structural failure. It must be kept in a cool, dry, and well-ventilated area to maintain stability and prevent accidental contact with incompatible materials that could trigger dangerous reactions.

AVAILABLE PACKAGING

- 1 Quart
- 1 Gallon
- 5 Gallon
- 15 Gallon
- 55 Gallon
- 275 Gallon
- 330 Gallon

SAFETY SUMMARY (CROSS-REFERENCE TO SDS)

Signal Word: Danger



Hazard Statements:

- H290: May be corrosive to metals
- H314: Causes severe skin burns and eye damage

Emergency Contact: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

For complete safety information, refer to the Safety Data Sheet (SDS) for this product.

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