

PRODUCT IDENTIFICATION

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

PRODUCT OVERVIEW

Alliance Chemical offers Sodium Hydroxide 30% in a reliable Technical Grade liquid form, ideal for a wide range of industrial applications. With a specific gravity of 1.328, this clear, slightly viscous solution is engineered for consistent performance in demanding chemical processes.

Grade Significance: Technical Grade indicates a product optimized for industrial efficiency and cost-effectiveness, providing the necessary purity for large-scale operations where analytical reagent precision is not required.

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

- Water Treatment** — Used for pH adjustment and neutralization of acidic water streams to maintain environmental compliance.
- Chemical Manufacturing** — Serves as a fundamental reagent in the synthesis of various organic and inorganic compounds.
- Pulp and Paper** — Acts as a critical processing agent during the pulping process to dissolve lignin and purify cellulose fibers.
- Metal Processing** — Utilized in cleaning and degreasing metal surfaces prior to finishing or coating applications.
- Soap and Detergent** — Functions as a primary saponification agent in the production of industrial-grade soaps and cleaning agents.

STORAGE & HANDLING

Because Sodium Hydroxide is highly corrosive to metals and causes severe skin and eye damage, it must be stored in specialized, compatible containers like high-density polyethylene. Proper containment prevents hazardous leaks and protects infrastructure from the corrosive nature of the chemical.

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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