

PRODUCT IDENTIFICATION

**Product Name:** Sodium Hydroxide 15% Technical Grade**CAS Number:** 1310-73-2**Molecular Formula:** HNaO**Molecular Weight:** 39.997 g/mol**Grade:** Technical Grade**Purity / Concentration:** 15%**Synonyms:** Not Available

PRODUCT OVERVIEW

Alliance Chemical offers high-quality Sodium Hydroxide 15% in a convenient technical grade liquid form. This clear, colorless solution is engineered for reliable performance in diverse industrial and laboratory settings, maintaining a specific gravity of 1.165.

Grade Significance: Technical grade signifies that the product is manufactured for industrial and laboratory utility where high-volume performance is required, rather than for food or pharmaceutical consumption.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

Certificate of Analysis data not available for this product.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, colorless to slightly pale liquid	Form	Liquid
Boiling Point	1390°C (pure)	Melting / Freezing Point	318°C (pure)
Specific Gravity	1.165	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 wastewater streams to meet environmental discharge standards.
- Chemical Manufacturing** — Serves as a fundamental reagent in the synthesis of various organic and inorganic compounds.
- Pulp and Paper** — Utilized in the pulping process to dissolve lignin and improve the quality of cellulose fibers.
- Cleaning and Sanitation** — Acts as a powerful degreasing agent in industrial equipment maintenance and heavy-duty cleaning formulations.
- Textile Processing** — Applied in the scouring and mercerization of fabrics to enhance dye affinity and fiber strength.

STORAGE & HANDLING

Proper storage is critical because Sodium Hydroxide 15% is highly corrosive and poses a severe risk of skin burns and eye damage. Containers must be kept tightly sealed in a cool, well-ventilated area to prevent accidental exposure and maintain chemical stability.

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:

- H314: Causes severe skin burns and eye damage [Danger Skin corrosion/irritation]

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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