

### 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

<b>Appearance</b>	Clear, colorless to slightly pale liquid	<b>Form</b>	Liquid
<b>Boiling Point</b>	1390°C (pure)	<b>Melting / Freezing Point</b>	318°C (pure)
<b>Specific Gravity</b>	1.165	<b>Solubility</b>	Fully soluble in water
<b>Molecular Formula</b>	HNaO	<b>Molecular Weight</b>	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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