

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

Sodium Hydroxide 15% Technical Grade is a versatile, clear liquid solution formulated for reliable performance in various industrial and laboratory settings. With a specific gravity of 1.165, this concentration provides an effective balance of reactivity and handling safety for standard chemical processes.

Grade Significance: Technical Grade indicates that this product is manufactured for industrial and commercial applications where high-performance chemical activity is required, though it is not intended for pharmaceutical or food-grade use.

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** — Utilized for pH adjustment and neutralization of acidic wastewater streams to meet environmental compliance standards.
- Cleaning and Sanitation** — Acts as a powerful degreaser and cleaning agent for heavy-duty industrial equipment and surface maintenance.
- Chemical Manufacturing** — Serves as a fundamental reagent in the synthesis of various organic and inorganic compounds.
- Textile Industry** — Employed in the processing and scouring of fibers to improve dye uptake and overall material quality.
- Laboratory Research** — Used as a standard laboratory reagent for analytical testing and controlled pH modification in experimental procedures.

STORAGE & HANDLING

Proper storage is critical because Sodium Hydroxide is highly corrosive to metals and poses severe risks of skin burns and eye damage. Keeping the product in a secure, compatible container prevents accidental spills and structural damage to storage facilities, ensuring the safety of your personnel.

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.

Alliance Chemical | 204 South Edmond St, Taylor, Texas 76574 | 512-365-6838 | www.alliancechemical.com

Disclaimer: The information contained herein is believed to be accurate and represents the best information currently available to us. However, Alliance Chemical makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.