

PRODUCT PROFILE

LIQUID CAUSTIC SODA SODIUM HYDROXIDE

Description

Hill Brothers offers Liquid Caustic Soda (NaOH) as a 50% water white solution and in a variety of cut strength solutions including 33%, 30%, and 10%. It should be noted that the "Chemical Properties", other than appearance, will differ depending upon the supplied strength. The "Typical Analysis" will remain constant for all strengths.

Chemical Properties at 60 degrees Fahrenheit:

| | <u>50%</u> | <u>33%</u> |
|---------------------------------|---------------|---------------|
| Appearance | Clear | Clear |
| Sodium Hydroxide (NaOH) % by wt | 49.5% - 51.0% | 32.5% - 33.5% |
| Density lbs/gal | 12.71 - 12.81 | 11.33 - 11.42 |
| Specific Gravity | 1.525 - 1.535 | 1.358 - 1.369 |
| Freezing Point | 54°F | 44°F |

Typical Analysis

| | |
|---|------------|
| Chlorides, wt% as NaCl | 0.01 Max |
| Sodium Carbonates, wt% as Na ₂ CO ₃ | 0.10 Max |
| Chlorates, wt% as NaClO ₃ | 0.0015 Max |
| Sulfate, wt % as Na ₂ SO ₄ | 0.0050 Max |
| Iron, ppm as Fe | 3 Max |

Packaging

Tank truck, LTL Mini-Bulk, drums, and carboy's.

Safety and Handling

Protective clothing, such as rubber gloves, safety goggles, and rubber safety boots should be worn to protect from possible eye and skin contact. Refer to the Material Safety Data Sheet for more information

Supply Note: This Product Profile is accurate for material supplied only from Hill Brothers' Phoenix and Tucson, Arizona facilities

Rev. 8/09

The information on this Product Profile is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose. For latest product specifications, contact our nearest sales office.

Southern Calif. • San Jose, CA • San Diego, CA • Salt Lake City, UT
Phoenix, AZ • Tucson, AZ • Pacific Northwest • International Sales



Hill Brothers Chemical Co.
Corporate Office
1675 North Main St.
Orange, CA 92867-3499
(714) 998-8800
www.hillbrothers.com