



## TECHNICAL DATA SHEET

### BARIUM HYDROXIDE OCTAHYDRATE (Barium Compounds, NOS) Technical Grade

CAS # 12230-71-6      FORMULA:  $\text{BaOH}_2 \cdot 8 \text{H}_2\text{O}$

FORMULA WEIGHT      315.48                      UN #      UN1564

Assay (as $\text{BaOH} \cdot \text{H}_2\text{O}$ )	95.0% Min
Carbonate (as $\text{BaCO}_3$ )	3.0% Max

Other grades available upon request as well as material prepared to customer and government specifications. Custom milling, blending, screening and packaging are available at a reasonable cost. All raw materials undergo testing for conformance as well as in-process sampling and final shipping samples. Barium & Chemicals, Inc. has a full-course, in-house laboratory whose staff has expertise in wet chemical analysis as well as AA, IC, ICP, W.S. Tyler Ro-Tap, Fisher Sub-Sieve Sizer, Laser Particle Analysis, pH, titration and moisture analysis.

Special requests may require extra lead time for raw material manufacture and processing. Allow sufficient time when ordering.

**USES:** Manufacturing of oil and grease additives, barium soaps, and chemicals. Used as an alkalizing agent in water softening, sulfate removal agent in water treatment and brine, boiler scale removal, sulfate-controlling agent in ceramics, purifying agent for caustic soda, steel carbonizing agent, glass, and elastomer vulcanization.

**PACKAGE TYPE:** Fiber or Plastic drums with polyliner and Kraft bags with poly liner (pallet quantities only)

Packaged for transport by ground, air or ocean transport. Call for packaging options.