

SODA ASH alkalinity agent is a granular powder form of sodium carbonate primarily used to condition and soften make-up water and to raise pH.

	Specifications
Appearance	White to off-white powder
pH (5% aqueous solution)	11.5
Bulk Density, lbs/ft <sup>3</sup>	57-65

### Directions for Use

Hardness and pH levels of make-up water should be checked prior to addition of SODA ASH. When treating make-up water, pH range should be maintained between 8.5 - 9.5. Addition of SODA ASH should always be done prior to addition of bentonite or polymer to the fluid system. SODA ASH should not be added at the same time as other drilling fluid components.

Add 1 – 2 pounds of SODA ASH per 100 gallons of make-up water or 1.2 - 2.4 kilograms per cubic meter of make-up water. Use as required to remove calcium ions but do not add in excess as overtreatment can lead to detrimental effects and reduced performance of the drilling fluid components and/or system. Mix slowly through a jet mixer or sift slowly into the vortex of a high-speed mixer.

### Packaging

SODA ASH is packaged in 50lb (22.7kg) or 100lb (45.4kg) multiwall paper bags.

### Applications/Functions

- Treat-out calcium hardness in make-up water
- Increase makeup water pH

### Advantages

- Increases bentonite and polymer performance
- Eliminate calcium ions by converting to insoluble carbonate



**Bentonite Performance Minerals LLC**

**A Halliburton Company**

3000 N. Sam Houston Pkwy E. Houston, TX 77032-3219

Phone: 281.871.7900

Email: [BPMsales@halliburton.com](mailto:BPMsales@halliburton.com)

[www.bentonite.com](http://www.bentonite.com)

Sales of BPM products and services will be in accord solely with the terms and conditions contained in the contract with BPM, its affiliates, and/or authorized distributors that is applicable to the sale. ©2021 Bentonite Performance Minerals LLC. All Rights Reserved. Rev. 10/2021

