

Soda Ash

Alkalinity Agent

ALLIBURTON Description	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.			
Applications/Functions	Treat out calcium hardness in make-up waterRaise pH			
Advantages		Can eliminate calcium ions by converting to insoluble carbonate Can maximize the performance of bentonite and polymer products		
Typical Properties	• pH of 5% solution 11	riable-colored powder (white to gray) .5 -65		
Recommended Treatment	Hardness and pH levels of addition of Soda Ash.	make-up water should be checked prior to		
	When treating make-up water, pH ranges 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 alkalinity agent should not be added at the same time as other drilling fluid components.		
	General Treatment:			
	•	1-2 pounds of Soda Ash alkalinity agent per 100 gallons of make-up water or 1.2-2.4 kilograms per cubic meter of make-up water.		
	overtreatment can lead to	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 mi speed stirrer.	xer or sift slowly into the vortex of a high-		

Packaging	Soda Ash is packaged paper bags.	in 50-lb (22.7 kg) or 100-lb	(45.4 kg) multiwall	
Availability	Soda Ash can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.			
	Baroid Industrial Drilling Products Product Service Line, Halliburton 3000 N. Sam Houston Pkwy. E. Houston, TX 77032			
	Customer Service	(800) 735-6075 Toll Free	(281) 871-4612	
	Technical Service	(877) 379-7412 Toll Free	(281) 871-4613	

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