

Technical data

Sesqui™ Sodium Sesquicarbonate

Coarse Grade

CAS No. 533-96-0

Formula				Na ₂ CO ₃ • NaHCO ₃ • 2H ₂ O			
Molecular Weight				226.03			
Physical Properties				Typical Value		Typical Range	
Bulk Density:	lb/ft ³			65		60 - 70	
	g/cm ³			1.04		0.95 - 1.12	
Screen analysis, cumulative wt %							
On	US	20	(850 μm)	0.1		0 - 1	
	US	70	(212 μm)	62		50 - 80	
	US	100	(150 μm)	86		70 - 95	
	US	200	(75 μm)	97		85 - 100	
Chemical Properties				Typical Value		Range	
Na ₂ O, wt %				41.8		41 - 44	
Sodium (Na) content, wt %				31.0		30 - 32	
Total Alkalinity as Na ₂ CO ₃ , wt %				71.5		69 - 74	
General Properties							
Description				White crystals			
Flowability				Free-flowing and non-caking			
pH, 1% solution @ 25°C				9.9			
Standard Containers				50 lb (22.7 kg) bags One ton super sacks Bulk hopper cars and trucks			
Uses				Bath salt ingredient, water softener, swim pool and spa buffering, laundry detergent additive, industrial cleaner ingredient, hard surface cleaner ingredient, diaper rinse ingredient, abrasive blast medium, flue gas desulfurization, municipal and industrial waste water treatment.			

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