

## Technical data

# Sesqui<sup>®</sup> FGD

CAS No. 533-96-0

Formula		Na <sub>2</sub> CO <sub>3</sub> • NaHCO <sub>3</sub> • 2H <sub>2</sub> O	
Molecular Weight		226.03	
Physical Properties			
		Typical Value	Typical Range
Bulk Density:	lb/ft <sup>3</sup>	65	60 - 70
	g/cm <sup>3</sup>	1.04	0.95 - 1.12
Screen analysis, cumulative wt %			
On	US 20 (850 μm)	0.1	0 - 5
	US 70 (212 μm)	75	50 - 90
	US 100 (150 μm)	90	70 - 95
	US 200 (75 μm)	97	90 - 100
Chemical Properties			
		Typical Value	Range
Na <sub>2</sub> O, wt %		41.8	41 - 44
Sodium (Na) content, wt %		31.0	30 – 32.5
Total Alkalinity as Na <sub>2</sub> CO <sub>3</sub> , 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		Bulk hopper cars and trucks	
Uses		Flue gas desulfurization	

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