

Technical data

Sesqui FGD

CAS No. 533-96-0

Formula	Na ₂ CO ₃ • NaHCO ₃ • 2H ₂ O
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Molecular Weight	226.03
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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 - 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 ₂ O, wt %	41.8	41 - 44
Sodium (Na) content, wt %	31.0	30 – 32.5
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	Bulk hopper cars and trucks
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Uses	Flue gas desulfurization
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