

## Technical data

# Sesqui™ Sodium Sesquicarbonate

## Coarse Grade

CAS No. 533-96-0

<b>Formula</b>	Na <sub>2</sub> CO <sub>3</sub> • NaHCO <sub>3</sub> • 2H <sub>2</sub> O
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<b>Molecular Weight</b>	226.03
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### 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 - 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 <sub>2</sub> O, wt %	41.8	41 - 44
Sodium (Na) content, wt %	31.0	30 - 32
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

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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