



SESQUI™



OUR UNIQUE, BRIGHT ALKALI

Sesqui™ sodium sesquicarbonate is produced as brilliant white translucent crystals. Sesqui™ is a unique brand of alkali that is perfect for use in manufacturing a variety of household products and industrial applications such as bath salts, laundry detergents, mild industrial and specialty cleaners, swimming pool pH buffer, and water softeners.

Chemically speaking, Sesqui™ is a distinct alkali product built by linking one part of bicarb (for alkalinity control) with one part of soda ash (to increase pH) creating unique free-flowing and dust-free characteristics as well as excellent buffering capacity, complete and rapid dissolving properties in water, superior water softening capabilities, mild yet effective alkali cleaning properties, and a silky smooth feel.

Sesqui™ is a single crystalline material, not a mix or blend. That means it is uniform, easy to handle and pour, and won't separate during use. Sesqui™ is already hydrated, so it dissolves easily and it absorbs little or no moisture or carbon dioxide and will therefore remain free flowing and non-caking.

Benefits

- A single particle size that maintains uniformity and eliminates the possibility of separation.
- Free-flowing, dustless crystals with average pH of 9.9.
- An appealing luster that mixtures of soda ash and sodium bicarbonate cannot match.
- No formation of decahydrate and/or monohydrate when Sesqui™ is combined with water.
- Organic Materials Review Institute (OMRI) Listed.
- Featured on U.S. EPA Safer Chemical Ingredient List.
- Acceptable ingredient under the EPA's Design for the Environment Program.

TRONOX

SESQUI™

Formula	Na ₂ CO ₃ • NaHCO ₃ • 2H ₂ O	
Molecular Weight	226.03	
Physical Properties	Typical	
	Sesqui™	Coarse Sesqui™
Bulk Density: lb/ft ³	47	65
g/cm ³	0.75	1.04
Screen analysis, cumulative wt %		
On US 20 (850 μm)	0.1	0.1
US 70 (212 μm)	60	62
US 100 (150 μm)	85	86
US 200 (75 μm)	97	97
Chemical Properties	Typical	
Na ₂ O, wt %	41.8	41.8
Sodium (Na) content, wt %	31.0	31.0
Total Alkalinity as Na ₂ CO ₃ , wt %	71.5	1.5
Na ₂ SO ₄ , wt %	0.01	
NaCl, wt %	0.01	
Fe ₂ O ₃ , ppm	3	
General Properties		
Description	White needle-like crystals	
Flowability	Free-flowing and non-caking	
pH, 1% solution @ 25°C	9.9	
Packaging and Delivery Options		
50lb bags • IBC's • Bulk; coarse Sesqui™ IBC's		
Uses		
Bath salts	Abrasive blasting	
Water softener	Municipal waste water treatment	
Hard surface cleaner	Industrial waste water treatment	
Household, industrial and institutional cleaner (HI&I)	Swimming pool and spa buffer	
Laundry detergent buffer	Diaper rinse ingredient	



Responsible Care®

Certifications

ISO 9001, AWWA, Kosher, NSF

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