



**FEED PRODUCTS  
& Service Company**

# Buffer Pac

## Custom Blend

**Formula** 30% (NAHCO<sub>3</sub>) / 70% (Na<sub>2</sub>CO<sub>3</sub> + NAHCO<sub>3</sub> + 2 H<sub>2</sub>O)  
Typical Analysis: > 70% Sodium Sesquicarbonate + 30% Sodium Bicarbonate

**Product Description** Buffer Pac "custom blend" is a blend of 30% pure Sodium Bicarbonate and 70% pure Sodium Sesquicarbonate. Buffer Pac provides the best of both feed grade buffers in one convenient form.

<u>Nutrient Properties</u>	<u>Typical</u>	<u>Specifications</u>
Sodium Bicarbonate, as NaHCO <sub>3</sub>	54.20%	54.00%
Sodium Carbonate, as Na <sub>2</sub> CO <sub>3</sub>	31.53%	32.00%
Sodium, as Na	28.80%	28.50% Min.
Sodium Sulfate, as Na <sub>2</sub> SO <sub>4</sub>	0.01%	0.02% Max.
Sodium Chloride, as NaCl	0.09%	0.20% Max.
Fluoride, as F	0.48%	0.90% Max.
Water Insolubles	0.65%	0.75% Max.

<u>Physical Properties</u>		<u>Specifications</u>
(% retained)		
+16 mesh (1.18 mm)		0 – 2.00%
+20 mesh (0.85 mm)		0 – 10.00%
+40 mesh (0.425 mm)		5.00 – 25.00%
+80 mesh (0.180 mm)		10.00 – 15.00%
+100 mesh (0.150 mm)		15.00 – 45.00%
+120 mesh (0.125 mm)		5.00 – 10.00%
<b>Fines</b>		10.00 – 15.00%
Bulk Density, lbs./cu. ft.	68.5 lb./ft <sup>3</sup>	60 - 75 lb./ft <sup>3</sup>
pH	9.17	8.50 – 10.00
Flowability	Free flowing, non-caking	
Solubility in water	96%	2 g/L at 20

**Packaging Options** 50 lb. bags (22.4 Kg)  
One Ton bulk bags  
Bulk hopper trucks

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