



**FEED PRODUCTS  
& Service Company**

# Buffer Pac

## Feed Ingredient

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**Formula** 50% (NAHCO<sub>3</sub>) / 50% (Na<sub>2</sub>CO<sub>3</sub> + NAHCO<sub>3</sub> + 2 H<sub>2</sub>O)  
Typical Analysis: > 50% Sodium Sesquicarbonate + 50% Sodium Bicarbonate

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**Product Description** Buffer Pac is a blend of 50% pure Sodium Bicarbonate and 50% pure Sodium Sesquicarbonate. Buffer Pac provides the best of both feed grade buffers in one convenient form.

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<u>Nutrient Properties</u>	<u>Typical</u>	<u>Specifications</u>
Sodium Bicarbonate, as NaHCO <sub>3</sub>	67.24%	67.00% Min.
Sodium Carbonate, as Na <sub>2</sub> CO <sub>3</sub>	22.62%	22.50% Max.
Sodium, as Na	29.34%	28.50% Min.
Sodium Sulfate, as Na <sub>2</sub> SO <sub>4</sub>	0.009%	0.05% Max.
Sodium Chloride, as NaCl	0.04%	0.05% Max.
Fluoride, as F	0.35%	0.55% Max.
Water Insolubles	0.19%	0.55% Max.

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<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>		1.00 – 10.00%
Bulk Density, lbs./cu. ft.	71.5 lb./ft <sup>3</sup>	65 - 85 lb./ft <sup>3</sup>
pH	9.57	8.50 – 10.00
Flowability	Free flowing, non-caking	
Solubility in water	96%	2 g/L at 20

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

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