



# GUNTHER SALT COMPANY

Supplying Quality Salt Products Since 1902

## Bulk Feed Mixing Salt with YPS

### DESCRIPTION

Bulk Feed Mixing Salt with YPS is a selected screening of dried Southern Rock Salt fines intended for feed mixing applications. The salt is screened from dried crushed rock salt mined from high purity “dome” deposits at Weeks, Louisiana. The fines are screened top and bottom to void oversize and dusty fines, enhancing flowability and caking resistance. The salt crystals are gritty, rectangular-shape particles, white to crystalline in appearance.

The salt is treated with a trace of Yellow Prussiate of Soda (sodium ferrocyanide), a water soluble anticaking agent approved for use in salt intended for animal feed under 21 CFR 573.1020

### CHEMICAL PROPERTIES

	Typical	Range
<sup>1</sup> Sodium Chloride (%)	99.0	>98.6
Calcium Sulfate (%)	0.90	<1.32
<sup>2</sup> Other Salts (%)	0.01	<0.2
Magnesium (ppm)	21	<30
<sup>3</sup> Moisture (%)	0.04	<0.1
Water Insolubles (ppm)	0.04	<0.20
Sodium Ferrocyanide (ppm)	8	3-13

<sup>1</sup> By difference of impurities, moisture free basis (ASTM). Includes traces of potassium chloride (<0.02%)

<sup>2</sup> Includes one or more of the following—calcium chloride, magnesium sulfate, magnesium chloride, sodium sulfate.

<sup>3</sup> At the mine.

### PHYSICAL PROPERTIES

Pour (loose) bulk density is 1.07-1.19 g/ml (67-74 lbs./ft<sup>3</sup>).

### SIEVE ANALYSIS

U.S.S. Mesh	Opening Microns**	Percent Retained*	
		Typical	Range
14	1400	0	<4
16	1180	1	
18	1000	7	
20	850	10	-
30	600	34	
40	425	33	
50	300	10	
70	212	3	
Pan	-	2	<9
Mean Crystal Size (µm)		650	

\* On individual screens

\*\* 10,000 Microns (micrometers, µm) per centimeter; 25,400 Microns per inch

### MINE

Weeks, Louisiana

### TERMINAL

St. Louis, Missouri

### MATERIAL CODE

F143310000Z

*These data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determines the suitability of our material and suggestions before adopting them on a commercial scale.*