

## Product Technical Specification Sheet

**Product Name:** PROMELT MAGIC SALT

**Physical Characteristics:**

Component # 01		
No.	Properties	Typical Values
1	Appearance	Brown Salt
2	Odor	Sugared
3	Bulk Density (Kg / m <sup>3</sup> )	1220

**Chemical Characteristics:**

Component # 01			
No.	Properties	Specification	
		min	max
4	% Sodium Chloride	95.0	-
5	% Moisture	-	1.0

**Screen Specification:**

Screen Size (mm)	Screen Size (Inches)	% Passing	
		min	max
12.5	1/2	-	100.0
9.5	3/8	95.0	100.0
4.75	No. 04	20.0	90.0
2.36	No. 8	10.0	60.0
600 (Micron)	No. 30	0.0	15.0

- Tolerance of 5 percentage points on maximum value of the range of each sieve except ½ and 3/8 sizes.

## Product Technical Specification Sheet

### Physical Characteristics:

Component # 02					
No.	Properties	Test Method	Typical Values	Specification	
				min	
1	Appearance	-	Brown	-	1
2	pH, deicer 1+4	ASTM D-1293	4.0	3.0	2
3	Specific Gravity (15°C   60°F)	ASTM D-1429	1.300	1.290	3
4	Weight (lbs/gal)	ASTM D-1429	10.85	10.76	4
5	Freeze Point Temperature	PNS	-45°C   -49°F	-	5
6	% Freezer Settable Solids	PNS	<1.0	0.0	6
7	% Solids Passing #10 Sieve	PNS	>99.0	99.0	7
8	Total Dissolved Solids	-	38.4	37.4	8
9	Corrosion % effectiveness	NACE PNS	9.8	-	9

### Chemical Characteristics:

Component # 02					
No.	Properties	Test Method	Typical Values	Specification	
				min	Max
10	% Magnesium Chloride	PNS	22.4	21.4	23.4
11	% Sodium Chloride	PNS	-	0.0	1.0
12	% Calcium Chloride	PNS	-	0.0	1.0
13	% Potassium Chloride	PNS	-	0.0	1.0
14	Arsenic (ppm)	EPA 200.7	<1.0	0.0	5.0
15	Barium (ppm)	EPA 200.7	<0.5	0.0	100.0
16	Cadmium (ppm)	EPA 200.7	<0.05	0.0	0.2
17	Chromium (ppm)	EPA 200.7	<0.5	0.0	1.0
18	Copper (ppm)	EPA 200.7	1.3	0.0	4.0
19	Cyanide (ppm)	EPA 335.4	<0.05	0.0	0.2
20	Lead (ppm)	EPA 200.7	<0.5	0.0	1.0
21	Mercury (ppm)	EPA 245.1	<0.02	0.0	0.05
22	Selenium (ppm)	EPA 200.7	<1.0	0.0	5.0
23	Zinc (ppm)	EPA 200.7	<0.1	0.0	10.0
24	Phosphorus (ppm)	EPA 365.4	15.9	0.0	2500.0