



FERTILIZER PRODUCTS

Product Name: **Muriate of Potash – Standard**

SGN: **100 - 85**

Order Code: **STD**

MSDS No.: **1**

Source: Saskatchewan

Alternate Names: Potassium Chloride, KCl, Potash, MOP

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CHEMICAL COMPOSITION	UNIT	RANGE	TYPICAL	GUARANTEE
Potassium Oxide, as K ₂ O	%	60.0 - 60.8	60.6	60.0 min.
Moisture, as H ₂ O	%	0.05 - 0.20	0.15	
Potassium Chloride, as KCl	%		95.90	
Potassium, as K	%		50.29	
Magnesium, as Mg	%		0.06	
Calcium, as Ca	%		0.05	
Sodium Chloride, as NaCl	%		3.40	
Chloride, as Cl	%		47.70	
Sulfate, as SO ₄	%		0.10	
Sodium, as Na	%		1.34	
Insolubles in water	%		0.54	

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	OPENING	UNIT	RANGE	TYPICAL
+10	1.70 mm	%	0 - 15	7
+14	1.17 mm	%	15 - 45	30
+20	0.83 mm	%	40 - 70	55
+28	0.60 mm	%	65 - 90	75
+35	0.42 mm	%	85 - 98	95
+48	0.30 mm	%	90 - 99	97
+65	0.21 mm	%	96 - 100	98

PHYSICAL PROPERTIES		
Bulk Density	kg/m ³	1,041 - 1,201
	lb/ft ³	65 - 75
Angle of Repose	degrees	29°
Color	Red/Pink	

GUARANTEED ANALYSIS
(0-0-60)
Soluble Potash (K ₂ O) - 60%

Note: All of the above properties are based on the analysis of a composite sample from a bulk shipment.
Grab samples or individual car samples may fall outside of the specified typical.