



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

SGN: **25**

Order Code: **SOL**

MSDS No.: **24**

Alternate Names: Potassium Chloride, KCl, Potash, MOP

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CHEMICAL COMPOSITION	UNIT	RANGE	TYPICAL	GUARANTEE
Potassium Oxide, as K <sub>2</sub> O	%	62.0 - 62.6	62.5	62.0 min.
Moisture, as H <sub>2</sub> O	%	0.05 - 0.20	0.15	
Potassium Chloride, as KCl	%		98.90	
Potassium, as K	%		51.87	
Magnesium, as Mg	%		0.002	
Calcium, as Ca	%		0.002	
Sodium Chloride, as NaCl	%		0.89	
Chloride, as Cl	%		47.54	
Sulfate, as SO <sub>4</sub>	%		0.002	
Sodium, as Na	%		0.35	
Insolubles in water	%		0.04	

PARTICLE SIZE, PERCENT CUMULATIVE				
TYLER MESH	OPENING	UNIT	RANGE	TYPICAL
+28	0.60 mm	%	1 - 10	6
+35	0.42 mm	%	12 - 35	18
+48	0.30 mm	%	25 - 55	35
+65	0.21 mm	%	55 - 80	65
+100	0.15 mm	%	79 - 95	88
+150	0.10 mm	%	92 - 100	97

PHYSICAL PROPERTIES		
Bulk Density	kg/m <sup>3</sup>	1,245
	lb/ft <sup>3</sup>	78
Angle of Repose	degrees	28°
Color		White

GUARANTEED ANALYSIS
(0-0-62)
Soluble Potash (K <sub>2</sub> O) - 62%

**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.

