

Muriate of Potash
0-0-60
Granular

Chemical Composition	Unit	Minimum	Typical
Potassium Oxide (K ₂ O)	wt. %	60.0	60.9
Moisture (H ₂ O)	wt. %		0.1
Potassium Chloride (KCl)	wt. %		96.3
Potassium (K)	wt. %		50.5
Magnesium (Mg)	wt. %		0.03
Calcium (Ca)	wt. %		0.04
Sodium Chloride (NaCl)	wt. %		2.9
Chloride (Cl)	wt. %		47.5
Sulfate (SO ₄)	wt. %		0.07
Sodium (Na)	wt. %		1.1
Insolubles in water	wt. %		0.4

Physical Properties and Additives	Unit	Range	Typical
Angle of Repose	degrees	32 - 37	34
Bulk Density	lb/ft ³ – kg/m ³	68 - 72 / 1089 - 1153	70/ 1121
Color			Red/Pink
Size Guide Number (SGN)			297
Uniformity Index			50
Amine (anti-caking)	ppm		220
Oil (dedust mix of paraffinic and naphthenic petroleum distillates and/or mineral oil)	lb/ton – kg/tonne		6.4 / 3.2

Particle Size Distribution (Cumulative)					
	Tyler Mesh	US Mesh	Opening (mm)	Typical Range (wt. %)	Typical (wt. %)
Retained on...	5	5	4.00	0 – 20	8.6
	6	6	3.35	10 – 50	32.4
	7	7	2.80	30 – 80	58.4
	8	8	2.36	62 – 90	81.5
	9	10	2.00	85 – 98	94.5
	10	12	1.70	93 – 99	98.4
	14	16	1.18	95 – 100	99.3
Passing through...	14	16	1.18	0 - 3	0.7

Please obtain a Safety Data Sheet for more information

The information contained in this data sheet is a representation of average product values as tested on composite samples and should not be considered a guaranteed specification unless otherwise stated. Nutrien makes no representation, warranty or guarantee as to the accuracy, reliability, completeness or timeliness of the information. It is the user's responsibility to determine the completeness of such information and the suitability of the product for the user's own particular use or purpose.

Product is manufactured by the following subsidiaries of Nutrien Ltd.:

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