

Muriate of Potash

0-0-60

Red Premium

CHEMICAL ANALYSIS

Component/Equivalent	Units	Minimum	Typical
Potassium Chloride	wt. % KCl	-	96.5
Potassium Oxide	wt. % as K ₂ O	60.00	60.99
Sodium Chloride	wt. % NaCl	-	2.9
Moisture	wt. % H ₂ O	-	0.07
Calcium	wt. % Ca	-	0.04
Chloride	wt. % Cl	-	47.7
Magnesium	wt. % Mg	-	0.03
Potassium	wt. % K	-	50.6
Sodium	wt. % Na	-	1.1
Sulfate	wt. % SO ₄	-	0.07
Water Insolubles	wt. %	-	0.4

ADDITIVES

Component/Equivalent	Units	Range	Typical
Amine (anti-caking)	lb/ton – g/tonne		0.16-0.36 / 80-180
Oil (dedust mixture of paraffinic and naphthenic petroleum distillates and/or mineral oil)	lb/ton – g/tonne		2-6 / 1000-3000

PHYSICAL ANALYSIS

Parameter	Units	Range	Typical
Angle of Repose	degrees	32 - 35	-
Bulk Density	lb/ft ³ – kg/m ³	62-75 / 993-1201	71/1140
Size Guide Number (SGN)		265 - 315	291
Uniformity Index		≥ 38	45

PARTICLE SIZE DISTRIBUTION

	Tyler	US	mm	Range	Typical
	Mesh	Mesh	Mesh	wt. %	wt. %
Retained on . . .	5	5	4.000	0-14	7.0
	6	6	3.350	18-44	32.0
	7	7	2.800	39-72	57.0
	8	8	2.360	59-87	75.5
	9	10	2.000	79-97	90.5
	10	12	1.700	92-100	97.5
	14	16	1.180	96-100	99.0
	20	20	0.850	97-100	99.5
Passing through	20	20	0.850	0-3	0.5

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 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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