SQM
THE WORLDWIDE BUSINESS FORMULA

PRODUCT DATA SHEET - SPECIALTY FERTILIZERS

ULTRASOL SOP-52

Soluble Grade - Crystallized

CAS N° 7778 - 80 - 5

GENERAL DESCRIPTION	
CHEMICAL FORMULA	K_2SO_4
APPEARANCE	White crystalline powder
ORIGIN	Non-synthetic brines
ADDITIVES	Antidust treatment

CHEMICAL SPECIFICATIONS GUARANTEED					
POTASSIUM	(measured as)	K	%	43	min
	(calculated as)	K_2O	%	52	min
SULFATE	(measured as)	SO_4	%	53	min
	(calculated as)	S	%	18	min
CHLORIDE		Cl	%	1.0	max
INSOLUBLES			%	0.1	max

CHEMICAL SPECIFICATIONS TYPICAL				
POTASSIUM	(measured as)	K	%	44.3
POTASSIUM	(calculated as)	K_2O	%	53
SULFATE		SO_4	%	53
	(calculated as)	S	%	18
CHLORIDE		Cl	%	0.7
MAGNESIUM		MgO	%	0.4
CALCIUM		Ca	%	0.1
INSOLUBLES			%	0.01
pH (1% w/v solution)				4.5

SCREEN ANALYSIS TYPICAL			
US Standard Sieve	Tyler	microns	
+ 40	+ 35	> 425	0.5%
- 200	- 200	< 75	8.0%

PHYSICAL PROPERTIES	
SOLUBILITY (in water at 20 °C)	12.4 g / 100 cm^3
BULK DENSITY STRUCK	1.4 ton (metric) /m^3
LOOSE	1.3 ton (metric) /m^3
ANGLE OF REPOSE	36°

Before using this product, please read the product specifications, the material safety data sheet and any other applicable product literature.
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