

COARSE PRODUCT SPECIFICATION SHEET

DESCRIPTION	
Product	A multi-nutrient mineral polyhalite: $K_2SO_4 \cdot MgSO_4 \cdot 2CaSO_4 \cdot 2H_2O$
Manufacturer	Sirius Minerals Plc Resolution House, Lake View, Scarborough YO11 3ZB, UK Phone: +44 1723 470 010 Company registered number: 04948435
Applications	A multi-nutrient resource suitable for use where potassium, sulphur, magnesium or calcium are required. Suitable for organic production as a source of essentially chloride-free potassium, sulphur, magnesium and calcium.

CHEMICAL ANALYSIS ¹		
Component/element	Units	Typical quantity
Potassium	$K_2O\%$	14.06
Sulphur	$SO_3\%$	47.80
Magnesium	$MgO\%$	6.02
Calcium	$CaO\%$	16.74
Trace elements		
Magnesite	$MgCO_3\%$	3.0
Anhydrite	$CaSO_4\%$	3.34
Halite	$NaCl\%$	3.07
Boron	B ppm	300

¹Analysis of 90% polyhalite

PHYSICAL ANALYSIS		
Parameter	Units	Description
Colour	–	Grey, grey white or white solid.
Product application	–	Suitable for direct soil application or as an input material for fertilizer products.
Particle size	mm	Customer specific

CONVERTING OXIDE TO ELEMENTAL FORM			
K_2O – multiply by 0.83	SO_3 – multiply by 0.4	CaO – multiply by 0.72	MgO – multiply by 0.60

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