



COARSE PRODUCT SPECIFICATION SHEET

| DESCRIPTION | |
|---------------------|---|
| Product | A multi-nutrient mineral polyhalite: $K_2SO_4 \cdot MgSO_4 \cdot 2CaSO_4 \cdot 2H_2O$ |
| Manufacturer | Crop Nutrients, Anglo American 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. |

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| 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 |

1. Analysis 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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