

# MicroEssentials<sup>®</sup>

# SZ<sup>®</sup>

## 12-40-0 10S 1Zn

### CHEMICAL COMPOSITION

| Component                 | Symbol                        | Typical % | Guarantee % (min.) |
|---------------------------|-------------------------------|-----------|--------------------|
| Total Nitrogen            | N                             | 12        | 12                 |
| Available Phosphate       | P <sub>2</sub> O <sub>5</sub> | 40        | 40                 |
| Water Soluble Phosphate   | P <sub>2</sub> O <sub>5</sub> | 36        |                    |
| Total Sulfur              | S                             | 10        | 10                 |
| Elemental Sulfur          | S                             | 5         | 5                  |
| Combined (Sulfate) Sulfur | S                             | 5         | 5                  |
| Total Zinc                | Zn                            | 1.0       | 1                  |
| Ground Moisture           | H <sub>2</sub> O              | 1.2       |                    |

### PHYSICAL PROPERTIES

| Bulk Density (Loose) | Typical    |
|----------------------|------------|
| - lb/ft <sup>3</sup> | 59         |
| - kg/m <sup>3</sup>  | 945        |
| Angle of Repose      | 37 Degrees |

### SIZING CHARACTERISTICS

| Parameter               | Typical |
|-------------------------|---------|
| 2mm X 4mm (%)           | ≥ 90    |
| Size Guide Number (SGN) | 295     |
| Uniformity Index (UI)   | 55      |

Please refer to the Safety Data Sheet (SDS #: MOS100038) for additional information ([www.mosaicco.com](http://www.mosaicco.com))

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