

Legend, Inc

988 Packer Way, Sparks NV 89431 (775) 786-3003

Technical Data Sheet (TDS)

Potassium Nitrate

Wintersun code: 16-022-01

CAS Number: 7757-79-1

Molecular Formula: KNO₃

Molecular Weight: 101.1 g/mol



Sales Specification

Appearance: White Prilled

Apparent Density: 1200kg/m³

Melting Point: 333°C

Solubility in Water: 31kg/ 100kg water to 20°C

Purity as KNO₃: 98% Min

Chloride: 0.3 % Max

Fe: < 5 ppm

Cu: < 1 ppm

Cr: < 1 ppm

Pb: < 5 ppm

As: < 0.2 ppm

Packing

55.12 lb Bag, 40 bags per pallet

DOT Transportation

UN/NA: UN1486

Proper Shipping Name: Potassium Nitrate

Hazard Class: 5.1

Packing Group: III

Marine Pollutant: No