



Groupe Horticole Ledoux inc.

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Potassium Nitrate Tech grade

CAS No: 7757-79-1

HS Code: 28342190

Chemical Formula: KNO₃

EINECS No: 231-818-8

Specification

ITEM	SPECIFICATION
Appearance	White Crystalline Powder
Purity (KNO ₃) %	99.4% Min
Nitrogen (N) %	13.5% Min
Potassium Oxide (As K ₂ O) %	46% Min
Moisture %	0.2% Max
Water Insoluble %	0.01% Max
Chloride (Cl) %	0.05% Max
Heavy Metals (As Pb) %	0.001% Max

Application

Potassium nitrate is an important source of potassium and nitrogen, two macronutrients essential for plant nutrition and growth. Potassium Nitrate crystal powder is mainly used in fertigation, and foliar application. Furthermore, crystalline potassium nitrate is widely used as a raw material in the production of water-soluble crystalline and liquid NPK fertiliser blends.

Packing

25kg bags, 500kg bags, 1200kg jumbo bags, and customer's marking bags.

Handling and Storage

Store in a cool and dry place, away from moisture, heat or kindling. Avoided mixing with organic compound, sulphur or reducer during storage and transportation in case of explosion. Protect the materials from the sun or rain during transportation.