



# Product Specification

## Product Name: POTASSIUM NITRATE LR

Alternate Name(s)

### Description

Transparent colourless or white crystalline powder or crystals with some discoloured particles; slightly hygroscopic; pungent saline taste.

### Properties

Chemical Formula:  $\text{KNO}_3$

Molecular Weight: 101.1

Product Code: PL011

CAS No. 7757-79-1

### General Information:

Mixtures with combustible material are readily ignited and may burn fiercely. Bags, though empty, still impregnated with this substance, are liable to self-sustaining combustion.

### Quality Specification

Assay:

#### Specific Properties and Impurities [Typical levels]:

Potassium (K)	≥ 38.19%
Nitrogen (N)	≥ 13.50%
Cl	≤ 0.20%
Water Insoluble	≤ 0.10%
Pb	≤ 0.0200%

### Hazard and Safety Data

UN Group:	III
Class:	5.1
UN Number:	1486
Hazchem code:	1Z
CS MSDS Code:	1CH5K
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	31

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