



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: 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: 98.0% min.

Specific Properties and Impurities [Typical levels]:

pH (10% solution)	6.0 - 11.0
Loss on drying	0.2%
Water insoluble matter	0.07%

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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