



# Product Specification

## Product Name: POTASSIUM CHLORATE LR

Alternate Name(s) Potcrate.

### Description

Colourless crystals or white powder; odourless; colling, saline taste.

### Properties

Chemical Formula:  $KClO_3$

Molecular Weight: 122.55

Product Code: PL055

CAS No. 3811-04-9

### General Information:

Soluble in water, glycerol; insoluble in alcohol. Incompatible with oxidising agents, reducing agents, combustible materials, acids, sulfides, ammonium compounds, phosphorus, hydrides, fluorines, cyanides, sulfur and finely divided metals.

### Hazard and Safety Data

UN Group: II  
Class: 5.1  
UN Number: 1485  
Hazchem code: 1YE  
CS MSDS Code: 1CH57  
Poison schedule: S5  
Emergency  
Procedure Guide No.: 31

### Quality Specification

Assay: 99.5% min.

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

Moisture	≤ 0.04 %
Water insoluble	≤ 0.03 %
Chloride	≤ 0.02 %
Sulfate	≤ 0.01 %
Iron	≤ 0.003 %
Particle mesh size	250

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