



# Product Specification

## Product Name: POTASSIUM PERSULFATE LR

Alternate Name(s) Potassium peroxodisulfate

### Description

White crystalline, odourless salt. Almost non-hygroscopic.

### Properties

Chemical Formula:  $K_2S_2O_8$

Molecular Weight: 270.33

Product Code: PL131

CAS No. 7727-21-1

### General Information:

Used as a initiator for the polymerisation of monomers and as a strong oxidising agent. Assists combustion of combustible materials due to release of oxygen.

### Hazard and Safety Data

UN Group: III  
Class: 5.1  
UN Number: 1492  
Hazchem code: 2W  
CS MSDS Code: 1CHK2  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: 31

### Quality Specification

Assay: 98.0% min.

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

Insoluble in water	≤ 0.02%
Chlorides (as Cl)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.005%
Iron (Fe)	≤ 0.002%

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia  
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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