



Product Specification

Product Name: POTASSIUM PERIODATE AR

Alternate Name(s) Potassium Metaperiodate; Potassium tetraoxoiodate.

Description

Small colourless crystals or white granular powder.

Properties

Chemical Formula: KIO_4

Molecular Weight: 230.00

Product Code: PA132

CAS No. 7790-21-8

General Information:

Sparingly soluble in aqueous KOH. Incompatible with reducing agents. Not combustible but assists combustion of other substances.

Hazard and Safety Data

UN Group: II
Class: 5.1
UN Number: 1479
Hazchem code: 1Y
CS MSDS Code: 1CHBQ
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 31

Quality Specification

Assay: 99.8 - 100.3% min.

Specific Properties and Impurities [Typical levels]:

Melting Point 582 °C
Specific Gravity 3.168
Explosion Temperature 580 °C
Solubility in Water @ 20 °C 7 g/L
Other halogens (as Cl) ≤ 0.01%
Manganese (Mn) ≤ 0.0001%

CONFORMS TO ACS

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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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