

# Product Specification

## Product Name: POTASSIUM PERMANGANATE AR

Alternate Name(s) Chameleon mineral; Condy's crystals.

### Description

Dark purple crystals or powder; sweetish astringent taste; odourless. Oxidiser.

### Properties

Chemical Formula:  $\text{KMnO}_4$

Molecular Weight: 158.03

Product Code: PA003

CAS No.: 7722-64-7

### General Information:

Soluble in acetone and methanol. Incompatible with organic materials, reducing materials, hydrogen peroxide, concentrated acids, antimony, arsenic, titanium, alcohol, arsenites and halides.

### Quality Specification

Assay: 99.0% min.

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

Insoluble matter	0.2%
Nitrogen cpds. (as N)	0.005%
Chloride and chlorate (Cl)	0.005%
Sulfate (SO <sub>4</sub> )	0.02%
Arsenic (As)	0.0003%
Copper (Cu)	0.002%
Lead (Pb)	0.003%

### Hazard and Safety Data

UN Group:	II
Class:	5.1
UN Number:	1490
Hazchem code:	1Y
CS MSDS Code:	1CH5L
Poison schedule:	S6
Emergency Procedure Guide No.:	31

May cause spontaneous ignition if mixed with some substances such as glycerol or anti freeze compounds. Reacts violently with sulfuric acid or hydrogen peroxide. May form explosive compounds with ammonium compounds.

CONFORMS TO ACS

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