Product Specification

Product Name: POTASSIUM PERMANGANATE LR

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

Description

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

Properties

Chemical Formula: $KMnO_4$

Molecular Weight: 158.03

Product Code: PL003

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]:

Decomposition Temp.	240 °C
Solubility in Water (@ 20 °C)	64 g/L
Specific Gravity	2.7032
Insoluble matter	≤ 1.0%
Chloride	≤ 0.02%
Sulfate	≤ 0.05%

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

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