



Product Specification

Product Name: POTASSIUM THIOCYANATE AR

Alternate Name(s) Potassium rhodamine; potassium sulfocyanate; potassium sulfocyanide;
Description potassium rhodanate; potassium rhodanide; potassium isothiocyanate.

Colourless to white crystalline powder / crystals; odourless; saline cooling taste. Turns brown, green, blue when fused, white again on cooling.

Properties

Chemical Formula:

Molecular Weight: 97.18

Product Code: PA063

CAS No. 333-20-0

General Information:

Incompatible with strong oxidisers, acids and bases. Hygroscopic and light sensitive. Material does not burn, but may produce hazardous decomposition or byproducts.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH5P

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 98.5% min.

Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.005%
pH of a 5% solution	5.3-8.7
Chloride (Cl)	≤ 0.005%
Sulfate (SO ₄)	≤ 0.005%
Iodine consuming substances	Passes test
Ammonium (NH ₄)	≤ 0.003%
Heavy metals (as Pb)	≤ 0.0005%
Iron (Fe)	≤ 0.0002%
Sodium (Na)	≤ 0.005%

CONFORMS TO ACS

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