



Product Specification

Product Name: SODIUM NITROPRUSSIDE AR

Alternate Name(s)

Description

Red transparent crystals.

Properties

Chemical Formula: $\text{Na}_2\text{Fe}(\text{CN})_5\text{NO}\cdot 2\text{H}_2\text{O}$

Molecular Weight: 297.95

Product Code: SA242

CAS No. 13755-38-9

General Information:

Moisture sensitive. Incompatible with strong acids, strong oxidisers, nitrites/heat (risk of explosion!). Non combustible material.

Hazard and Safety Data

UN Group: II
Class: 6.1
UN Number: 1588
Hazchem code: 2X
CS MSDS Code: 1CHEH
Poison schedule: S7
Emergency
Procedure Guide No.: 40

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Solubility in Water (slow decomposition)	400 g/L @ 20 °C
Specific Gravity	1.72
pH Value (50 g/l, H ₂ O, 20 °C)	~5
Insoluble matter	≤ 0.01%
Chloride (Cl)	≤ 0.02%
Sulfate (SO ₄)	Passes test

CONFORMS TO ACS

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