



Product Specification

Product Name: IRON(III) NITRATE Nonahydrate LR

Alternate Name(s) Ferric nitrate.

Description

Violet crystals. Deliquescent solid.

Properties

Chemical Formula: $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$

Molecular Weight: 404.0

Product Code: FL006

CAS No.: 7782-61-8

General Information:

Solutions in water are slightly corrosive to most metals. Freely soluble in alcohol and acetone. May cause gastrointestinal pain. Mixtures with combustible material are readily ignited and may burn fiercely.

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Melting Point	47.2°C
Chloride (Cl)	0.005%
Sulfate (SO ₄)	0.02%
Copper (Cu)	0.0015%
Zinc (Zn)	0.001%

Hazard and Safety Data

UN Group:	II
Class:	8
UN Number:	3260
Hazchem code:	2X
CS MSDS Code:	1CH3D
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	37

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