

F0885HH Gold Line

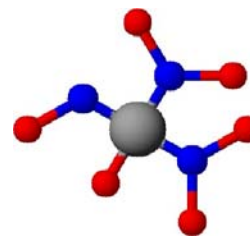
nonahydrate

Typical analysis

Assay (Oxidimetric)	min 97%
Arsenic (As)	0.005%
Chloride (Cl)	0.005%
Ferrous salts (Fe)	0.002%
Lead (Pb)	0.005%
Sulphate (SO ₄)	0.03%
Water-insoluble matter	0.005%

Packaging

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	Fe(NO ₃) ₃ ·9H ₂ O or FeN ₃ O ₆ ·9H ₂ O
Chemical group	Nitrates
Synonym	Iron III nitrate
Atomic weight	404.00
Appearance	Pale violet to greyish white deliquescent crystals
Solubility	Soluble in water, alcohol, acetone. Slightly in cold, concentrated nitric acid
Melting point	47.2°C
Boiling point	Decomposes above 100°C
pH (aqueous solution)	1.684
Hazardous material	Harmful
Density (g/ml)	1.684

Laboratory preparation, applications and practices

Laboratory preparation	The reaction of ferrous oxide and nitric acid
Usage	Corrosion inhibitor

Storage and handling information

Safety phrases	26-37
Risk phrases	8-36/38
Disposal methods	3

Transport regulations

Tariff code	2834.29.90
Hazardous class	5.1
Packing group	III
UN number	1466
ERG number	140

