

## Ferrous ammonium sulphate hexahydrate, Hi-AR™

**GRM1026**


### Product Identifier

CAS No.	:	7783-85-9
EC No.	:	233-151-8
Molecular Formula	:	(NH <sub>4</sub> ) <sub>2</sub> Fe(SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O
Molecular Weight	:	392.14
Synonym	:	Ammonium ferrous sulphate hexahydrate, Hi-AR™
HS Code	:	2842 90 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Light green to blue or blue-green crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water + 0.1 mL of H <sub>2</sub> SO <sub>4</sub>
Zinc (Zn)	:	<= 0.003%
Ferric ion (Fe <sup>3+</sup> )	:	<= 0.01%
Copper (Cu)	:	<= 0.003%
Sodium (Na)	:	<= 0.02%
Potassium (K)	:	<= 0.002%
Manganese (Mn)	:	<= 0.01%
Water insoluble matter	:	<= 0.01%
Assay (KMnO <sub>4</sub> Titration)	:	99.00 - 101.50%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P305+P351+P338
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	BR6500000
WGK	:	1