

FERROUS SULFATE ANHYDROUS

Application Notes:

NuGenTec Inorganic Chemical Group (NICG) Ferrous Sulfate Anhydrous, (FeSO₄) is a grayish white powder that finds many uses in industrially mainly as a precursor to other iron compounds and as a reducing agent mostly for the reduction of chromates in cement. It is used in the food industry as a nutritional supplement together with other iron compounds to fortify food. It's also used a colorant in the manufacture of inks and dyes.

Typical Parameters:

Ferrous Sulfate Anhydrous	
Physical State & Appearance	Greyish White Powder
Molecular Formula	FeSO ₄
Formula Weight	151.91



Specifications:

Grade	USP
pH, 5% aqueous soln.	3-5
Bulk Density, gm/cc	1.898
Flash point	None
Solubility in water	48.6g/100g water at 50C
Odor	Odorless
Melting Point	64 deg C
Mercury	< 3ppm
Organic Volatile Impurities	nil
Arsenic	<3 ppm
Lead	< 10 ppm
Ferrous Content	86% to 90%
CAS #	7720-78-7

Availability: Available in 25 or 50 Kg HDPE bags

Shipment: Not Regulated

Storage: Store in a cool, dry place. Store in a tightly closed container

(1) Disposal: Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-Nugen or e-mail: nicg@nugentec.com.