



Product Specification

cdhfinechemical.com

FERROUS SULPHATE MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE	P16335
SYNONYMS	[Iron (II) sulphate]
C.I. NO.	--
CASR NO.	(7782-63-0)
ATOMIC OR MOLECULAR FORMULA	FeSO ₄ .7H ₂ O
ATOMIC OR MOLECULAR WEIGHT	278.01
PROPERTIES	Insoluble in alcohol, mp 64°C, Hygroscopic.



PARAMETER	LIMIT
Description	Bluish green crystals or light green crystalline powder.
Solubility	10% solution in a mixture of freshly boiled, cooled water and dilute sulphuric acid is clear and bright.
Identification	It gives the reaction (A) ferrous salts and the reactions of sulphate.
Minimum Assay (Redox Titration)	98.0-105.0%
pH of (5% soln in water)	3 - 4

MAXIMUM LIMIT OF IMPURITIES

Arsenic (As)	0.0002%
Copper (Cu)	0.005%
Lead (Pb)	0.005%
Zinc (Zn)	0.05%
Manganese (Mn)	0.1%
Ferric ion (Fe ³⁺)	0.5%
Chloride (Cl)	0.025%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation

Precautionary statements

Prevention : Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water.

Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing

Wash/Decontaminate removed clothing before reuse.

IMDG Code :

UN No. :

IATA :

Disposal:- - Dispose of contents and container in accordance with relevant legislation.

Hazard pictogram(s) :



GHS07