




Product Specification

cdhfinechemical.com

FERROUS SULPHATE PURIFIED HEPTAHYDRATE

PRODUCT CODE	028400
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	Green or bluish green crystals or crystalline powder.
Solubility	10% solution in a mixture of freshly boiled, cooled water and dilute sulphuric acid is clear and bright.
Minimum Assay (Redox Titration)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Free acid (H ₂ SO ₄)	0.245%
Copper (Cu)	0.005%
Ferric ion (Fe ³⁺)	0.2%
Lead (Pb)	0.005%
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. Remov contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists,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 allcontaminated clothing ash/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	