




# 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 <sub>4</sub> .7H <sub>2</sub> 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.
Minimum Assay (Redox Titration)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Free acid (H <sub>2</sub> SO <sub>4</sub> )	0.245%
Copper (Cu)	0.005%
Ferric ion (Fe <sup>3+</sup> )	0.2%
Lead (Pb)	0.005%
Note(s) : Assay (if applicable) method mentioned.	
<b>WARNING</b> <b>Hazard statements :</b> Harmful if swallowed Causes skin irritation Causes serious eye irritation <b>Precautionary statements</b> <b>Prevention :</b> Wash hands thoroughly after handling.Wash thoroughly after handling.Do not eat, drink or smoke when using this product. <b>Response :</b> 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.	
<b>Disposal:-</b> - Dispose of contents and container in accordance with relevant legislation.	
Hazard pictogram(s) :	
 GHS07	
IMDG Code : UN No. : IATA :	

Replac date 28-Nov-2025