




FERROUS SULPHATE PURIFIED HEPTAHYDRATE

PRODUCT CODE	R01204	
SYNONYMS	[Iron (II) sulphate]	
C.I. NO.	--	
CASR NO.	(7782-63-0)	
ATOMIC OR MOLECULAR FORMULA	FeSO ₄ .7H ₂ O	FeSO₄.7H₂O
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		

Replace Date 1 April 2023

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