





Product Specification

cdhfinechemical.com

FERRIC CHLORIDE HEXAHYDRATE

PRODUCT CODE	092940
SYNONYMS	[Iron (III) chloride hexahydrate]
C.I. NO.	--
CASR NO.	(10025-77-1)
ATOMIC OR MOLECULAR FORMULA	FeCl ₃ .6H ₂ O
ATOMIC OR MOLECULAR WEIGHT	270.30
PROPERTIES	Usually slight odor of HCl; very hygroscopic . mp ~37°C. Readily soluble in water, alcohol, acetone, ether.
FeCl₃.6H₂O	
PARAMETER	LIMIT
Description	Brownish yellow deliquescent masses, granules, chunks or lumps.
Minimum Assay (Iodometric)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Ferrous Iron (Fe II)	0.05%
Sulphate (SO ₄)	0.05%
Note(s) : Assay (if applicable) method mentioned.	
WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. PRECAUTIONARY STATEMENTS Prevention: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use	IMDG Code : 8/III UN No. : 3260 IATA : 8
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber	
Hazard Pictogram(s) :	
 	
GHS05 GHS07	

Replace date 29-May-2023