




Product Specification

cdhfinechemical.com

FERRIC NITRATE

PRODUCT CODE	028384
SYNONYMS	(Iron (III) Nitrate)
C.I. NO.	--
CASR NO.	(7782-61-8)
ATOMIC OR MOLECULAR FORMULA	$\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	404.00
PROPERTIES	Deliquescent crystals. Mp~47°C. decomposition below 100°C.
PARAMETER	LIMIT
Description	Pale mauve crystals /crystalline powder.
Solubility	10% solution in water is almost clear.
Minimum Assay (Iodimetry)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.02%
Ferrous iron (Fe)	0.01%
Manganese (Mn)	0.02%
Note(s) : Assay (if applicable) method mentioned.	
DANGER Hazard statements: Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates. Precautionary statements Prevention: Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Response: F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove 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. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.	
Disposal:---	
Hazard Pictogram(s) :--  GHS05	
IMDG Code : 8/II UN No. : 3260 IATA : 8	

Replace Date 04-Feb-2026