




Product Specification

cdhfinechemical.com

FERRIC NITRATE NONAHYDRATE AR/ACS

PRODUCT CODE	528650
SYNONYMS	(Iron (III) Nitrate)
C.I. NO.	--
CASR NO.	(7782-61-8)
ATOMIC OR MOLECULAR FORMULA	Fe(NO ₃) ₃ .9H ₂ 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)	99-101%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Acidity (HNO ₃)	0.3%
Chloride (Cl)	0.0005%
Phosphate (PO ₄)	0.005%
Sulphate (SO ₄)	0.005%
Calcium (Ca)	0.005%
Copper (Cu)	0.005%
Lead (Pb)	0.005%
Magnesium (Mg)	0.001%
Manganese (Mn)	0.02%
Zinc (Zn)	0.001%
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