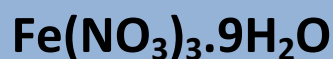




Product Specification

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(NO₃)₃.9H₂O
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 (Oxidimetric)	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.

WARNING

Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer, May be harmful if swallowed. Causes mild skin irritation Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal: -----

IMDG Code : 5.1/III
UN No. : 1466
IATA : 5.1

Hazard pictogram(s) :



Skin irritation



Oxidising