

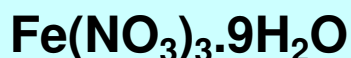


SDFCL
s d fine-CHEM limited
Quality Control Dept.



(Product Specification

E Control	QC2\DATAD\ID\PS\20306XPS.xls
PRODUCT CODE	20306
PRODUCT NAME	FERRIC NITRATE AR
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.
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.	IMDG Code : 5.1/III UN No. : 1466 IATA :5.1
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Disposal: -----

Hazard Pictogram(s) :



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
Sign. :	Sign. :	Sign. :	Revision dt. :02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

