



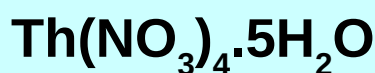
SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID:PS\20280XPS.xls
PRODUCT CODE	20280
PRODUCT NAME	THORIUM NITRATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(14767-04-5)
ATOMIC OR MOLECULAR FORMULA	Th(NO ₃) ₄ .5H ₂ O
ATOMIC OR MOLECULAR WEIGHT	570.13
PROPERTIES	Soluble in water and alcohol.



PARAMETER	LIMIT
Description	White deliquescent crystals / crystalline powder.
Solubility	10% solution in water is clear to almost clear and almost colourless.
Minimum Assay (Complexometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.002%
Sulphate (SO ₄)	0.01%
Heavy metals (Pb)	0.002%
Iron (Fe)	0.03%
Titanium (Ti)	0.005%
Subs. not pptd. by NH ₃ as SO ₄	0.2%

Note(s) : Assay (if applicable) method mentioned.

DANGER HAZARD STATEMENT :
intensify fire; oxidiser. Causes serious eye irritation.

May
IMDG Code : 5.1/II
UN No. : 1479
IATA : 5.1

PRECAUTIONARY STATEMENTS

Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep/Store away from clothing/ ... /combustible materials. Take any precaution to avoid mixing with combustibles.Wash ... thoroughly after handling.Wear protective gloves/protective clothing/eye protection/face protection.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.If eye irritation persists: Get medical advice/attention.

Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 20.12.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 04
Sign. :	Sign. :	Sign. :	Revision dt. : 11.05.2015
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