

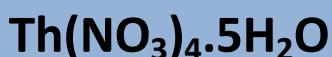


Product Specification

THORIUM NITRATE AR

AS A REAGENT FOR DETERMINATION OF FLUORINE

PRODUCT CODE	660415
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

WARNING

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Suspected of causing cancer.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Keep away from heat. Take any precautions to avoid mixing with combustibles or incompatible materials. Use personal protective equipment as required.

Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS. If exposed or concerned: Get medical attention advice. 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/II

UN No. : 1477

IATA : 5.1

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



Aspiration hazard