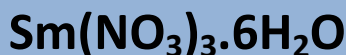




Product Specification

SAMARIUM (III) NITRATE

PRODUCT CODE	RE2530
SYNONYMS	Samarium trinitrate, Trinitric acid samarium (III)
C.I. NO.	--
CASR NO.	(13759-83-6)
ATOMIC OR MOLECULAR FORMULA	$\text{Sm}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	444.47
PROPERTIES	--



PARAMETER	LIMIT
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Description	Yellow crystalline powder..
Solubility	Soluble in water.
Minimum assay (Trace metal basis)	99.9999%

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

DANGER

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: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

IMDG Code : 5.1/II

4UN No. : 1477

IATA : 5.1

Hazard Pictogram(s) :



Skin irritation



Oxidising