



## **Product Specification**

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LUTETIUM (III) OXIDE		
PRODUCT CODE	RE1895	
SYNONYMS	Cassiopeium oxide	
C.I. NO.		
CASR NO.	12032-20-1	
ATOMIC OR MOLECULAR FORMULA	Lu <sub>2</sub> O <sub>3</sub>	
ATOMIC OR MOLECULAR WEIGHT	397.94	Lu <sub>2</sub> O <sub>3</sub>
PROPERTIES		
PARAMETER	LIMIT	
Description	White powder	
Solubility	Insoluble in water.	
Minimum assay (Trace metal basis)	99.9999%	
Note(s): Assay (if applicable) method mentioned.		
WARNINGIMDG Code:HAZARD STATEMENTS: May cause drowsiness and dizziness. Causes mild skin irritation. Causes eye irritation. May cause allergic skin reaction.IMDG Code:PRECAUTIONARY STATEMENTS : Prevention: Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after Handling. Response : If skin irritation occurs, seek medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuseIMDG Code:Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scubber.IMDG Code:Hazard Pictogram(s) :		
GHS07		