



# Product Specification

cdhfinechemical.com

## DYSPROSIUM (III) OXIDE

PRODUCT CODE	RE0650	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	1308-87-8	
ATOMIC OR MOLECULAR FORMULA	Dy <sub>2</sub> O <sub>3</sub>	Dy <sub>2</sub> O <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	373.00	
PROPERTIES	--	

PARAMETER	LIMIT
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Description	White to yellowish white or off white powder.
Solubility	Soluble in hydrochloric acid, nitric acid, and sulphuric acid.
Minimum assay (Trace metal basis)	99.9%

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

<b>WARNING</b> <b>Hazard statements :</b> May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. <b>Precautionary statements</b> <b>Prevention:</b> Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. <b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.	IMDG Code : -- UN No. : -- IATA :--
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Hazard Pictogram(s) :	 GHS07
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Replace date 21-Mar-2026