

GADOLINIUM (III) NITRATE HYDRATE

PRODUCT CODE	RE1210	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(94219-55-3)	
ATOMIC OR MOLECULAR FORMULA	Gd(NO ₃) ₃ .XH ₂ O(X=6)	Gd(NO₃)₃.XH₂O(X=6)
ATOMIC OR MOLECULAR WEIGHT	343.26 (anhy.)	
PROPERTIES	--	

PARAMETER	LIMIT
Description	White hygroscopic crystalline Solid
Solubility	Soluble in water.
Minimum assay (Trace metal basis)	99.9%
Melting point	About 91°C

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.

Hazard Pictogram(s) :-



IMDG Code : --
4UN No. : --
IATA : --

Replace date 02-Jan-2024