



## Product Specification

### GADOLINIUM (III) OXIDE

PRODUCT CODE	RE1255
SYNONYMS	--
C.I. NO.	--
CASR NO.	12064-62-9
ATOMIC OR MOLECULAR FORMULA	Gd <sub>2</sub> O <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	362.50
PROPERTIES	--



PARAMETER	LIMIT
Description	White to cream coloured powder.
Solubility	Soluble in acids.
Minimum Assay (Trace metal basis)	99.9%

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

#### WARNING

**Hazard statements :** May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

#### Precautionary statements

**Prevention:** 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.

**Response:** 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.

**Disposal:** 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.

#### Hazard Pictogram(s) :



Skin irritation

IMDG Code : --

UN No. : --

IATA :--