**Technical Data Sheet** 



# Gadolinium, standard solution 1000 mg/l for ICP (Gd<sub>2</sub>O<sub>3</sub> in HNO<sub>3</sub> 2%)

# Identification

Taric code: 3822 00 00

### **Specifications**

This standard solution is traceable to Standard Reference Material from NIST.

Version:2023.3.14

### Physical data

- Density: 1,02 g/cm3
- pH(20 °C) ~ 0,5

# Safety - GHS

Signal Word: Warning

#### **Hazard Statements:**

H315: Causes skin irritation.

H319: Causes serious eye irritation.

#### **Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see on this label).

P332+P313: If skin irritation occurs: Get medical advice / attention.

P337+P313: If eye irritation persists: Get medical advice / attention.

## Transport/storage

- ADR: 8 C1 III UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(Gadolinium, solution 1000 mg/l Gd (gadolinium oxide in nitric acid 2%))
- IMDG: 8 III UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Gadolinium, solution 1000 mg/l Gd (gadolinium oxide in nitric acid 2%))
- IATA/ICAO: 8 III UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Gadolinium, solution 1000 mg/l Gd (gadolinium oxide in nitric acid 2%) )
- PAX: 852
- CAO: 856
- 10°C 30°C