Technical Data Sheet

Scandium, standard solution 1000 mg/l for ICP (Sc₂O₃ in HNO₃ 2%)

Identification

Taric code: 3822 00 00

Specifications

ES0021

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

Version:2023.3.14

Physical data

- Density: 1,03 g/cm3
- pH(20 °C) ~ 0,5

Safety - GHS

Signal Word: Warning

Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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