

Sulfuric acid, solution 1 mol/l (2 N)**Identification**

H₂SO₄
M = 98,08 g/mol
CAS [7664-93-9]
EC number: 231-639-5
Taric code: 2807 00 00

Applications

analytical chemistry, laboratory reagent, neutralising agent.


Specifications

factor..... 0,999 - 1,001
uncertainty ± 0,001

1 ml = 0,09808 g H₂SO₄

This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)-aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

Packaging**Packaging Code**

1 l  AC20851000

Physical data

• Density: 1,06 g/cm³

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.
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).
P362: Take off contaminated clothing and wash before reuse.
P332+P313: If skin irritation occurs: Get medical advice / attention.
P337+P313: If eye irritation persists: Get medical advice / attention.

Toxicological data

• WGK: 1
• Poison class CH (Swiss): 2

Transport/storage

• ADR: 8 C1 II • UN 2796 • SULPHURIC ACID
• IMDG: 8 II • UN 2796 • SULPHURIC ACID
• IATA/ICAO: 8 II • UN 2796 • SULPHURIC ACID
• PAX: 809
• CAO: 813
• Store between 15°C and 25°C