

**Sulfuric acid, solution 4 mol/l (8 N), for COD determination, according to ISO 6060****Identification**

H<sub>2</sub>SO<sub>4</sub>  
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 = 0,39232 g H<sub>2</sub>SO<sub>4</sub>

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 I ☐ AC20751000

**Physical data**

• Density: ~ 1,23 g/cm<sup>3</sup>

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

H314: Causes severe skin burns and eye damage.

**Precautionary Statements:**

P260: Do not breathe dust / fume / gas / mist / vapours / spray.

P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

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).

P405: Store locked up.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

• WGK: 1

**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