

**Sulfuric acid, solution 62% w/w, according to Röder and Van Gulik, for determination of fat in milk****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

**Synonyms**

Sulphuric acid

**Applications**

analytical chemistry, laboratory reagent, acidifying agent, for determination of: fats in milk.

**Specifications**

assay (acidimetric)..... min. 62 %

suitability for determination of

fat in milk..... passes test

**Physical data**

- Density: 1,52 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- pH < 1
- Hygroscopic

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

H290: May be corrosive to metals.

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.

P310: Immediately call a POISON CENTER or doctor / physician.

P405: Store locked up.

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

**Transport/storage**

- ADR: 8 C1 II • UN 1830 • SULPHURIC ACID
- IMDG: 8 II • UN 1830 • SULPHURIC ACID
- IATA/ICAO: 8 II • UN 1830 • SULPHURIC ACID
- PAX: 809
- CAO: 813
- 10°C - 30°C