

## Identification

S  
M = 32,06 g/mol  
CAS [7704-34-9]  
EC number: 231-722-6  
Taric code: 2802 00 00

## Applications

analytical chemistry, laboratory reagent, in the rubber industry, fungicide, for pharmaceuticals synthesizing, in pharma industry.

## Specifications

assay.....	99,0 - 101,0 %	odour.....	passes test
Identification A (EP).....	passes test	chlorides (Cl).....	max. 100 ppm
Identification sulfates.....	passes test	sulfates (SO <sub>4</sub> ).....	max. 100 ppm
appearance of solution.....	colourless	sulfides .....	passes test
acidity or alkalinity.....	passes test	residue on ignition.....	max. 0,2 %

## Physical data

- Spec. Density: 1,96 - 2,07 g/cm<sup>3</sup>
- Bulk density: ~ 400 - 500 kg/m<sup>3</sup>
- Solub. in water: (20 °C): almost insoluble
- Melting point: 113 - 119 °C
- Boiling point: 444 °C
- Flash point: 160 °C
- Ignition temperature: 235 °C (dust)
- Vapour pressure: (20 °C) < 0,01 hPa

## Safety - GHS

**Signal Word:** Warning

**Hazard Statements:**

H315: Causes skin irritation.



**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P264: Wash thoroughly after handling.
- P321: Specific treatment (see on this label).
- P332+P313: If skin irritation occurs: Get medical advice / attention.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P362+P364: Take off contaminated clothing and wash it before reuse.

## Transport/storage

- ADR: 4.1 F3 III • UN 1350 • SULPHUR
- IMDG: 4.1 III • UN 1350 • SULPHUR
- IATA/ICAO: 4.1 III • UN 1350 • SULPHUR
- PAX: 419
- CAO: 420