

## Sulfur flower, EssentQ®, washed

**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.

**Specifications**

assay (acidimetric)..... min 99 %	identity (IR-spectrum)..... passes test
	residue on ignition..... max. 0,5 %

**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
- 10°C - 30°C