

**Sodium hydrogen sulfite, solution 40%, EssentQ®****Identification**

NaHSO<sub>3</sub>  
M = 104,06 g/mol  
CAS [7631-90-5]  
EC number: 231-548-0  
Taric code: 2832 10 00

**Synonyms**

Sodium bisulfite, Bisulfite, Sodium bisulfite solution

**Applications**

laboratory reagent, synthesis of organic products, in food industry (E 222), preservative agent, bleaching agent.

**Specifications**

assay (iodometric).....approx. 40 %

**Physical data**

- Density: 1,25 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 540 g/l
- Melting point: -44 °C
- Boiling point: 146 °C
- Vapour pressure: (20 °C) 40 hPa
- pH(22 g/l H<sub>2</sub>O, 20 °C) ~ 4,5 - 5,0

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

H302: Harmful if swallowed.  
EUH031: Contact with acids liberates toxic gas.

**Precautionary Statements:**

P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330: Rinse mouth.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 8 C1 III • UN 2693 • BISULPHITES, AQUEOUS SOLUTION, N.O.S.(Sodium hydrogen sulfite, solution 40%)
- IMDG: 8 III • UN 2693 • BISULPHITES, AQUEOUS SOLUTION, N.O.S.(Sodium hydrogen sulfite, solution 40%)
- IATA/ICAO: 8 III • UN 2693 • BISULPHITES, AQUEOUS SOLUTION, N.O.S.(Sodium hydrogen sulfite, solution 40%)
- PAX: 818
- CAO: 820
- 10°C - 30°C