

## SODIUM HYDROGEN SELENITE

SO0160 Sodium hydrogen selenite, for microbiology



- Synonyms: Sodium biselenite
- NaHSeO<sub>3</sub>
- M = 150,95 g/mol
- CAS [7782-82-3]
- EINECS-No.: 231-966-3
- Solub. in water: (20 °C): 580 g/l
- LD 50 (oral, rat): 2,5 mg/kg
- EC-Index-No.: 034-002-00-8
- ADR: 6.1 T5 I UN 2630
- IMDG: 6.1 I UN 2630
- IATA/ICAO: 6.1 I UN 2630
- GHS-signal word: Danger
- GHS-H sentences: H301 - H331 - H373 - H400 - H410
- GHS-P sentences: P260 - P261 - P321 - P304 + P340 - P405 - P501a
- Tariff number: 2842 90 10

total selenium . . . . . approx. 51,3 %  
total metallic impurities . . . . . max. 0,02 %  
loss on drying (105 °C). . . . . max. 0,5 %  
suitability for microbiology. . . . . passes test

ART. NO.	VOLUME	CONTAINER
SO01600100	100 g	

## SODIUM HYDROGEN SULFATE ANHYDROUS

SO0150 Sodium hydrogen sulfate anhydrous, EssentQ®



- Synonyms: Sodium bisulfate
- NaHSO<sub>4</sub>
- M = 120,06 g/mol
- CAS [7681-38-1]
- EINECS-No.: 231-665-7
- Solub. in water: (25 °C): 286 g/l
- Melting point: 315 °C
- EC-Index-No.: 016-046-00-X
- ADR: 8 C2 III UN 3260
- IMDG: 8 III UN 3260
- IATA/ICAO: 8 III UN 3260
- GHS-signal word: Danger
- GHS-H sentences: H318
- GHS-P sentences: P280 - P305 + P351 + P338 - P310
- Tariff number: 2833 19 00 00
- Applications: analytical chemistry, in the textile industry, in building materials.

assay (acidimetric) . . . . . min. 97 %  
insoluble in water. . . . . max. 0,01 %  
chlorides (Cl) . . . . . max. 0,005 %  
phosphates (as PO<sub>4</sub>) . . . . . max. 0,003 %  
calcium (Ca) . . . . . max. 0,01 %  
heavy metals (as Pb) . . . . . max. 5 ppm  
iron (Fe) . . . . . max. 0,005 %  
magnesium (Mg) . . . . . max. 0,01 %  
potassium (K) . . . . . max. 0,005 %

ART. NO.	VOLUME	CONTAINER
SO01500500	500 g	
SO01501000	1 kg	

## SODIUM HYDROGEN SULFITE, SOLUTION 40%

SO0417 Sodium hydrogen sulfite, solution 40%, EssentQ®



- Synonyms: Sodium bisulfite, Bisulfite, Sodium bisulfite solution
- NaHSO<sub>3</sub>
- M = 104,06 g/mol
- CAS [7631-90-5]
- EINECS-No.: 231-548-0
- 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
- LD 50 (oral, rat): 1540 mg/kg (pure substance)
- EC-Index-No.: 016-064-00-8
- ADR: 8 C1 III UN 2693
- IMDG: 8 III UN 2693
- IATA/ICAO: 8 III UN 2693
- GHS-signal word: Warning
- GHS-H sentences: H302 - EUH031 -
- Tariff number: 2832 10 00 00
- Applications: laboratory reagent, synthesis of organic products, in food industry (E 222), preservative agent, bleaching agent.

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

ART. NO.	VOLUME	CONTAINER
SO04171000	1 l	
SO0417025P	25 l	

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