




Specification

Concerning Product:	
Article number	26970821EPB
Trade name / designation / denomination	Natriumselenit Pentahydrat, BP
CAS number	26970-82-1
Other names / synonyms	•Sodium selenite pentahydrate;
Molecular weight [g / mol]	263.01
Formula	Na ₂ SeO ₃ ·5H ₂ O
Danger	 2630, 6.1, I
Fatal if swallowed. May cause an allergic skin reaction. Toxic if inhaled. Toxic to aquatic life with long lasting effects. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED:	

Parameter	Specification	Unit
Organoleptic test		
Appearance	white crystalline powder	
Odour	without of the characteristic odor	
Physical parameter		
pH value	≤ 10,1	
Solubility	freely soluble in water	
Impurities		
Heavy Metals (as Pb)	≤ 3	ppm
Sulphates (SO ₄)	≤ 16	%
Impurity	Selenate: ≤ 16	%
Elemental Impurities		
Chlorides (Cl)	≤ 20	ppm
Iron (Fe)	≤ 30	ppm
Sodium (Na)	Sodium selenite pentahydrate: ≤ 99,3	%

Supplemental information:

Shelf life: min. 3 years or unlimited

Storage conditions: store in a dry place <25 °C

Conclusion: Conforms to the BP2008 grade

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 15. Oct. 2019

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