

**PRODUCT CODE: 131703****Sodium Nitrite (Reag. Ph. Eur.) for analysis, ACS**

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N<sub>2</sub>NaONaNO<sub>2</sub>

M.= 69,00

CAS [7632-00-0]

EINECS 231-555-9

TARIC 2834 10 00 00

**PHYSICAL DATA:** crystalline powder, White to slightly yellowish, Soluble in water 820 g/l at 20 °C Thermal decom. above 320 °C • Hygroscopic • D 2,168 • M.P.: 271 °C • pH(50 g/l)9 •

**BIBLIOGRAPHY:** Merck Index **12**, 8.793 13, 8.721 Sax **SIQ500** • Safety **2** , **3148 A** • Römp **8** , **2740** • Kühn-Birett **N 17** • Ullmann **(4.)20** , 350 • Fieser **11097 2386 4459 6547 9432 11491 13282** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **9.0** (2017) 1923**8.0** (2014) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

**HAZARDOUS:** C.E: 007-010-00-4 • RTECS: RA 1225000 • LD L0 man 4-6g/m3 • LD L0 oral hmn 71 mg/kg • LD50 oral rat 85 mg/kg • LC50 rat 5500mg/m3 •



H: H272 • H330 • H400 •

P: P210 • P220 • P221 • P260 • P271 • P501 • P273 • P280 • P284 • P304+P340 • P310 • P320 • P370+P378 • P391 • P403+P233 • P405 •

**TRANSPORT REGULATIONS:** UN: 1500 • ADR: 5.1(6.1)/III • IMDG: 5.1(6.1)/III • IATA: 5.1(6.1)/III • PAX: 559 • CAO: 563 • (E) •

**OBSERVATIONS:** Storage between 20 and 25°C •

**SPECIFICATIONS:**

Minimum assay (Perm.)

98,0%

**Maximum limit of impurities**

Insoluble matter in H <sub>2</sub> O	0,003 %
Chloride (Cl)	0,002%
Sulfate (SO <sub>4</sub> )	0,005%
As	0,00004 %
Heavy metals (as Pb)	0,001%

**Metals by ICP [in mg/Kg (ppm)]**

Al	5
Au	5
B	5
Ba	5
Be	5
Bi	5
Ca	25
Cd	5
Co	5
Cr	5
Cu	10
Fe	10
Ga	5
Ge	5
Hg	5
K	50
Li	5
Mg	25
Mn	5
Mo	5
Ni	10
Pb	10
Sb	5
Si	5
Sn	5
Sr	5
Ti	5
Tl	5
V	5
Zn	10