



PRODUCT CODE: 123314

Sodium Borohydride for analysis

H₄BNa

NaH₄B

M.= 37,83

CAS [16940-66-2]

EINECS 241-004-4

TARIC 2850 00 20 50

SYNONYMS: Sodium Tetrahydroborane

PHYSICAL DATA: crystalline powder, White, Soluble in water 550 g/l at 25 °C Thermal decomp. above 300 °C • Hygroscopic • D 1,074 • M.P.: 36 °C • B.P.: ~ 500 °C •

BIBLIOGRAPHY: Merck Index **12**, 8.735 Sax **SFF500** • Safety **2**, **3132 C** • Römp **8**, **2729** • Kühn-Birett **N 41** • Ullmann (**4.**)13, 120 • Fieser **11049 2377 3262 4443 5597 6530 7329 8449 9420 10357 11477 12441 13278 15590 16304 17316** • ACS **XI** •

HAZARDOUS: RTECS: ED 3325000 • LD L0 oral rat 160 mg/kg • LD50 ipr rat 18 mg/kg



H: H261 • H301 • H314 •

P: P223 • P231+P232 • P260 • P264 • P270 • P280 • P301+P310 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P321 • P330 • P338 • P363 • P370+P378 • P402+P404 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 1426 • ADR: 4.3/I • IMDG: 4.3/I • IATA: 4.3/I • PAX: F • CAO: 487 • (E) •

SPECIFICATIONS:

Minimum assay (Iodom.)

96,0%

Maximum limit of impurities

Chloride (Cl)	0,5%
Sulfate (SO ₄)	0,01%

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

As	0,5
Bi	5
Ca	200
Cd	10
Co	10
Cr	10
Cu	10
Fe	10
Hg	0,5
K	200
Mn	10
Ni	10
Pb	10
Sb	0,5
Se	0,5
Zn	10