



PRODUCT CODE: 131675

Sodium Fluoride (Reag. USP) for analysis, ACS, ISO

FNa

NaF

M.= 41,99

CAS [7681-49-4]

EINECS 231-667-8

TARIC 2826 19 10 00

PHYSICAL DATA: crystals, powder, White, Soluble in water 40 g/l at 20 °C D 2,78 • M.P.: 993 °C • B.P.: 1.704 °C • pH(40g/l)10,2 •

BIBLIOGRAPHY: Merck Index **12**, 8.762 13, 8.691 Sax **SHF500** • Safety **2** , **3140 C** • Römp **8** , **2735** • Fieser **11073** 2382 • ACS **XI** • ISO 6353/3-1987R - 88 , 63 • BP.**2025** • USP **43** • Ph. Eur. **11.0** (2023) **10.0** (2019) •

HAZARDOUS: C.E: 009-004-00-7 • RTECS: WB 0350000 • LD L0 oral hmn 71 mg/kg • LD50 oral rat 52 mg/kg • LD50 ipr mus 38 mg/kg VLA-ED 2,5 mg/m3



H: H301 • EUH032 • H319 • H315 •

P: P264 • P270 • P280 • P301+P310 • P302+P352 • P501 • P305+P351+P338 • P321 • P330 • P332+P313 • P337+P313 • P362 • P405 •

TRANSPORT REGULATIONS: UN: 1690 • ADR: 6.1/III • IMDG: 6.1/III • IATA: 6.1/III • PAX: 670 • CAO: 677 • (E) •

OBSERVATIONS: Product controlled as dual purpose. •

SPECIFICATIONS:

Minimum assay (Compl.)

99,0%

Maximum limit of impurities

Acidity

0,025 meq/g

Alkalinity

0,01 meq/g

Insoluble matter in H ₂ O	0,005 %
Loss on drying at 150°C	0,2%
Chloride (Cl)	0,002%
Phosphate (PO ₄)	0,001 %
Sulfate (SO ₄)	0,005%
Sulfite (SO ₃)	0,005%
Sodium fluorosilicate (NaSiF ₆)	0,1%
Heavy metals (as Pb)	0,001%
Cu	0,0005 %
Fe	0,002 %
K	0,01 %
Ni	0,003 %
Pb	0,001 %