



PRODUCT CODE: 121976

Potassium Fluoride for analysis

FK

KF

M.= 58,10

CAS [7789-23-3]

EINECS 232-151-5

TARIC 2826 19 90 90

PHYSICAL DATA: powder, White, Soluble in water 920 g/l at 20 °C Hygroscopic • D 2,48 • M.P.: 858 °C • B.P.: 1.500 °C •

BIBLIOGRAPHY: Merck Index 12, 7.784 Sax **PLF500** • Safety 2 , 2901 A • Römp 8 , 2016 • Fieser 1933 2346 5555 6481 8410 10325 11434 12406 13256 15167 • ACS XI •

HAZARDOUS: C.E: 009-005-00-2 • RTECS: TT 0700000 • LD L0 oral guinea pig 250 mg/kg • LD L0 oral gpg 250 mg/kg • LD50 oral rat 245 mg/kg • LD50 ipr mus 40 mg/kg VLA-ED 2,5 mg/m3



H: H331 • H311 • H301 • H318 •

P: P261 • P264 • P270 • P271 • P280 • P501 • P301+P310 • P302+P352 • P304+P340 • P311 • P312 • P321 • P322 • P330 • P361 • P363 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 1812 • 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 (Acidim.) 99 %

Maximum limit of impurities

Acidity(as HF) 0,2 %

Alkalinity (as KOH) 0,1 %

Insoluble matter in H2O	0,01 %
Chloride (Cl)	0,005 %
Sulfate (SO4)	0,1 %
Sulfite (SO3)	0,01 %
Ca	0,005 %
Cd	0,005 %
Co	0,005 %
Cu	0,003 %
Fe	0,002 %
Na	0,5 %
Ni	0,003 %
Pb	0,003 %
Zn	0,005 %