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PanReac AppliChem ITW Reagents

PRODUCT CODE: 141911

Ammonium Hydrogen di-Fluoride pure

H_5F_2N
$(NH_4)HF_2$

M.= 57,04 CAS [1341-49-7] EINECS 215-676-4
TARIC 2826 19 90 90

SYNONYMS: Ammonium Bifluoride

PHYSICAL DATA: crystalline powder, White, Soluble in water 630 g/l at 20 °C Thermal decom. 239 °C • D 1,5 • M.P.: 125 °C • pH(50 g/l)3,5 • Flash P.:>100 °C • Vap. press. (20 °C) 1 hPa •
BIBLIOGRAPHY: Merck Index **12,** 523 Sax **ANJ**000 • Safety **2 , 239 B** • Römp **8 , 189** • Kühn-Birett **A** 62 •

HAZARDOUS: C.E: 009-009-00-4 • RTECS: BQ 9200000 • TLV-TWA 2,5 mg/m3 VLA-ED 2,5 mg/m3

H: H301 • H314 •
P: P260 • P264 • P270 • P280 • P301+P310 • P501 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P321 • P330 • P338 • P363 • P405 •

TRANSPORT REGULATIONS: UN: 1727 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 859 • CAO: 863 • (E) •

OBSERVATIONS: Product controlled as dual purpose. •

SPECIFICATIONS:

Assay (Acidim.)	98%
pH sol.5%	4,0-6,5
Insoluble matter in H2O	0,02 %

Chloride (Cl)	0,003%
Sulfate (SO4)	0,05%
Water (H2O)	1 %
Heavy metals (as Pb)	0,002%

Cu	0,001	%
Fe	0,001	%
Ni	0,001	%
Pb	0,001	%