



**PRODUCT CODE: 141710**

**tetra-Sodium Pyrophosphate 10-hydrate pure**

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$\text{Na}_4\text{O}_7\text{P}_2 \cdot 10\text{H}_2\text{O}$

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M.= 446,06

CAS [13472-36-1]

EINECS 231-767-1

TARIC 2835 39 00 00

**SYNONYMS:** Sodium Pyrophosphate, tetra-Sodium Diphosphate, TSPP

**PHYSICAL DATA:** crystals, White, Soluble in water 62,3 g/l at 20 °C Thermal decom. above 94 °C • D 1,82 • M.P.: 79 °C • pH(5% solution)10 •

**BIBLIOGRAPHY:** Merck Index **12**, 9.377 13, 9.312 Safety **2** , **3135 B** • Römp **8** , **2743** • ACS **XI** • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

**HAZARDOUS:** RTECS: UX 7350000 • LD50 oral rat 4.000 mg/kg • LD50 ipr rat 59 mg/kg

**SPECIFICATIONS:**

Assay (Acidim.)	98%
pH of 5% solution	9,5-10,7
Insoluble matter in H2O	0,025 %
Chloride (Cl)	0,01%
Sulfate (SO4)	0,05%
Nitrate (NO3)	0,01%
As	0,001 %
Ca	0,05 %
Cu	0,003 %
Fe	0,003 %

Mg	0,05	%
Ni	0,003	%
Pb	0,003	%

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