

## di-Ammonium hydrogen phosphate, Pharmpur®, NF

**Identification** $(\text{NH}_4)_2\text{HPO}_4$ 

M = 132,06 g/mol

CAS [7783-28-0]

EC number: 231-987-8

Taric code: 3105 30 00

**Synonyms**

Ammonium biphosphate, Ammonium phosphate dibasic, Fyrex

**Applications**

Fire-resistant protective clothing, dentifrices, corrosion inhibitor, analytical chemistry.

**Specifications**

assay (acidimetric).....	96,0 - 102,0 %	pH (1 %, H <sub>2</sub> O).....	7,6 - 8,2
Identification ammonium.....	passes test	chlorides (Cl).....	max. 0,03 %
Identification phosphate.....	passes test	sulfates (SO <sub>4</sub> ).....	max. 0,15 %
		arsenic (As).....	max. 3 ppm

**Physical data**

- Appearance: crystals, colourless or white
- Spec. Density: 1,62 g/cm<sup>3</sup>
- Bulk density: ~ 800 -1000 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 690 g/l
- Melting point: 155 °C (decomposes)
- pH(50 g/l H<sub>2</sub>O) (20 °C) 7,8 - 8,5

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H312: Harmful in contact with skin.

H332: Harmful if inhaled.

**Precautionary Statements:**

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P321: Specific treatment (see on this label).

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor / physician if you feel unwell.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C