

# Product Data Sheet

**(3N) 99.9% Potassium Pyrophosphate**

**Product Code: K-PPAT-03**

**Formula:**  $K_4P_2O_7$

**CAS No.:** 7320-34-5

**EC No.:** 230-785-7

**MDL:** MFCD00011393

## Chemical Identifiers

<b>Linear Formula</b>	$K_4P_2O_7$
<b>MDL Number</b>	MFCD00011393
<b>EC No.</b>	230-785-7
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	23740
<b>IUPAC Name</b>	tetrapotassium; phosphonato phosphate
<b>SMILES</b>	[K+].[K+].[K+].[K+].[O-]P([O-])(=O)OP([O-])([O-])=O
<b>Inchl Identifier</b>	InChI=1S/4K.H4O7P2/c;;;1-8(2,3)7-9(4,5)6/h;;;(H2,1,2,3)(H2,4,5,6)/q4*+1;/p-4
<b>Inchl Key</b>	RYCLIXPGLDDLTM-UHFFFAOYSA-J

**Total Metal Impurities:** 0.1% max.

## Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb.

tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.