

# ORGANICA®

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Version 07

## Specification

23.11.2009

Code No. 07280

**BuPCI**

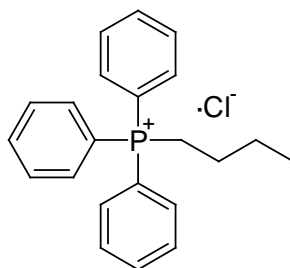
CAS No. 13371-17-0

EEC No. 236-443-3

Chemical Name

**Butyltriphenylphosponium chloride**  
TPBP-Cl, BTPPC

Structure



Molecular Formula

$C_{22}H_{24}P.Cl$

Molecular Weight

354,86

Product Properties

|                             |                                       |
|-----------------------------|---------------------------------------|
| Appearance                  | White to off-white crystalline powder |
| Assay (%)                   | 98,0 - 101,0 (Titration)              |
| Melting point (°C)          | 225 - 229 (DSC)                       |
| Loss on drying (%)          | ≤ 1,0                                 |
| Chloride (%)                | ≥ 9,75                                |
| Solubility (10% EtOH)       | clear, no residue                     |
| Triphenylphosphine (%)      | ≤ 1,0 (TLC)                           |
| Triphenylphosphine oxide(%) | ≤ 0,5 (TLC)                           |

Storage

Cool, dry, tightly closed

Application

Phase transfer catalyst, co-catalyst, initiator

Changes in comparison to previous issue do not relate to contents.