Date: 11/01/2005

**Product Name**
HISHICOLIN PX-4C

**Description**
Tetra-\(n\)-butylphosphonium chloride is one of the typical products manufactured in Fukushima commercial plant of Nippon Chemical Industrial Co., Ltd. Typical uses of these products include phase transfer catalysts, antistatic agents, curing agents for epoxy resins, flame retardants, etc.

**Structure**

\[
\begin{array}{c}
\text{\(\left(\text{C}_4\text{H}_9\right)_4\text{P}^+\text{Cl}^-\)} \\
\text{\(\text{C}_4\text{H}_9\)} \\
\text{\(\text{C}_4\text{H}_9\)}
\end{array}
\]

Chemical Formula: \((\text{C}_4\text{H}_9)_4\text{P}^+\text{Cl}^-\)
Formula Weight: 294.89
CAS No.: 2304-30-5
EINECS No.: 218-964-8
TSCA Inventory: registered
Japanese Official Gazette Serial No.: 2-3487, 1-215

**Specification**
Assay: tetra-\(n\)-butylphosphonium chloride 80% water 20%
Appearance: clear colorless liquid
Density: 0.965 (20\(^\circ\)C)
**Storage & Handling**  This product is stable under ordinary conditions of use and storage. For detailed information, please refer to the corresponding safety information sheet.

**Health & Safety**  This product is harmful if inhaled. For detailed information, please refer to the corresponding safety information sheet.