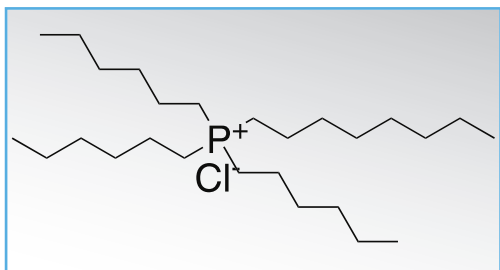


Sold in collaboration with Solvay.

Trihexyl(octyl)phosphonium chloride, min. 95%, CYPHOS® IL 356



Product Details	
Purity	95%
Color and Form	Colorless to pale yellow liq
Flash Point	>230°F
CAS No.	850134-85-9
Molecular Formula	C ₂₆ H ₅₆ PCl
Molecular Weight	435.16 g/mol

CYPHOS® IL 356 is a readily available, high purity ionic liquid. With high thermal stability, large liquid range and solubility in a variety of common solvents **CYPHOS® IL 356** is versatile. Further features of **CYPHOS® IL 356** include: ultra-low vapor pressure, non-flammable and inherent polarity.

Technical Notes:

- CYPHOS® IL 356** is a new offering from Solvay. With a diverse range of physical features, many new applications are possible. **CYPHOS® IL 356** has found use in applications which include materials with antimicrobial activities and anti-electrostatic properties.
- Further to this, the molecule has been investigated in solvent extractions and electrolytes in solar cell applications.

References:

- Green Chemistry*, **2005**, 12, 855-862.
- Chem. Eur. J. Org*, **2005**, 1, 650-652.

Storage and Handling:

Always wear approved safety glasses, protective gloves, and clothing when handling chemical substances. Handle the product in an efficient fume hood and avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing promptly.

Avoid release into the environment. **CYPHOS® IL 356** is stable over long periods of time (12+ months) and will not polymerize. **CYPHOS® IL 356** should not be stored in air or near oxidizing agents. Potential hazardous decomposition products are oxides of carbon and/or phosphorus. Handle in accordance with good industrial hygiene and safety practices. Avoid unnecessary exposure to the product. For additional health, safety and handling information, refer to the product SDS. **CYPHOS® IL 356** is classified for skin corrosion and can cause serious eye damage. Keep containers tightly sealed, and store in a dry area between 10-30 °C. Rotate stock using the oldest material first.

Visit www.strem.com for new product information and a searchable catalog.

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