



## Product Specification

### HCTU FOR SYNTHESIS

<b>PRODUCT CODE</b>	<b>R09412</b>
<b>SYNONYMS</b>	<b>O-(6-Chlorobenzotriazol-1yl)- N,N,N,N-Tetramethyluronium Hexafluorophosphate</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(330645-87-9)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>11</sub>H<sub>15</sub>ClF<sub>6</sub>N<sub>5</sub>OP</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>413.69</b>
<b>PROPERTIES</b>	--

### C<sub>11</sub>H<sub>15</sub>ClF<sub>6</sub>N<sub>5</sub>OP

PARAMETER	LIMIT
Description	Colourless or white powder.
Solubility	1.0% solution in DMF is clear and colourless.
Minimum assay (HPLC)	98.0 %
Melting range	185 – 190 °C

#### MAXIMUM LIMIT OF IMPURITY

Water (KF)	0.5%
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**Note(s): Assay (if applicable) method mentioned.**

<b>WARNING</b> Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ..... Response: ..... Disposal:-----	IMDG Code : -- UN No. : -- IATA : --
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Hazard Pictogram(s) :--



Replace Date 1 April 2023

**: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)**

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com

