



1-BUTYL-3-METHYLIMIDAZOLIUM HEXAFLUOROPHOSPHATE (BMIM.PF₆) EXTRAPURE FOR CATALYSIS AND NANOTECHNOLOGY

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|---|---|---|
| PRODUCT CODE | R04471 | |
| SYNONYMS | BMIMPF₆ | |
| C.I. NO. | -- | |
| CASR NO. | (174501-64-5) | |
| ATOMIC OR MOLECULAR FORMULA | C₈H₁₅F₆N₂P | |
| ATOMIC OR MOLECULAR WEIGHT | 284.18 | |
| PROPERTIES | -- | |
| PARAMETER | LIMIT | |
| Description | Clear pale yellow liquid. | |
| Solubility | Miscible with water. | |
| Minimum assay (HPLC) | 98.0% | |
| Wt. per ml at 20°C | About 1.38 g | |
| Refractive index (n) _D ²⁰ | About 1.411 | |
| Note(s) : Assay (if applicable) method mentioned. | | |
| WARNING | | IMDG Code : -- UN No. : -- IATA :-- |
| <p>Hazard statements :May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.</p> <p>Precautionary statements</p> <p>Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.</p> | | |
| <p>Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.</p> | | |
| Hazard Pictogram(s) : | | |
| <p>GHS05 GHS07</p> | | |

Replace Date 1 April 2023

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