



## 1-BUTYL-3-METHYLIMIDAZOLIUM TETRAFLUOROBORATE (BMIM.BF<sub>4</sub>) EXTRAPURE FOR CATALYSIS AND NANOTECHNOLOGY

<b>PRODUCT CODE</b>	<b>R04473</b>	
<b>SYNONYMS</b>	<b>BMIMBF<sub>4</sub></b>	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(174501-65-6)</b>	
<b>ATOMIC ORMOLECULAR FORMULA</b>	<b>C<sub>8</sub>H<sub>15</sub>BF<sub>4</sub>N<sub>2</sub></b>	
<b>ATOMIC ORMOLECULAR WEIGHT</b>	<b>226.02</b>	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Colourless to yellow- orange or dark brown viscous liquid.	
Solubility	1 ml miscible with 1 ml of water.	
Minimum Assay (HPLC/Total Nitrogen)	98.0%	
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.410-1.430	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER</b> <b>Hazard statements:</b> May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation. <b>Precautionary statements</b> <b>Prevention:</b> Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. <b>Response:</b> Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISONCENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse		IMDG Code : 9/III UN No. : 3082 IATA : 9
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :-		

Replace Date 1 April 2023

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