

Technical Data Sheet

Tributylmethylphosphonium bis(fluorosulfonyl)imide

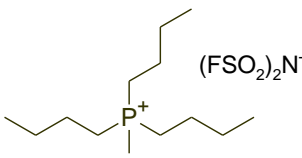
Revision Date: 6/26/2020

Date Issued: 11/9/2023

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	Tributylmethylphosphonium bis(fluorosulfonyl)imide
Product code	IN-0045
CAS	2253137-97-0
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D – 74076 Heilbronn Germany
Telephone	+49 (0)7131-89839-0
Fax	+49 (0)7131-89839-109
Emergency telephone	+49 (0)179-5322578
Email	info@iolitec.de

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Tributylmethylphosphonium bis(fluorosulfonyl)imide
CAS No.	2253137-97-0
Empirical Formula	C ₁₃ H ₃₀ F ₂ NO ₄ PS ₂
Structure	
Molecular weight	397.49 g/mol
Purity	>98%

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3 PROPERTIES

Color	colorless to orange
Physical state (25 °C)	liquid
Melting point	21°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	1.1342 g/mL
Viscosity	123.9 cP
Heat capacity	not available
Conductivity	1.177 mS/cm
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

Water	not miscible
Acetone	miscible
Acetonitrile	miscible
Isopropanol	not miscible
Toluene	not miscible
Hexane	not miscible

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5 ORDER INFORMATION

IN-0045-HP can be obtained in the following standard quantities:

Quantity	Price
25 g	Please enquire
50 g	Please enquire
100 g	Please enquire
250 g	Please enquire
500 g	Please enquire
1 kg	Please enquire
Bulk	Please enquire

Please send your order via email to order@iolitec.de or fax +49 (0)7131 – 89839109.

6 OTHER INFORMATION

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