

Technical Data Sheet

Tetraethylammonium Tetrafluoroborate

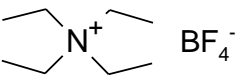
Revision Date: 6/26/2020
Date Issued: 11/15/2023

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

Product name	Tetraethylammonium tetrafluoroborate
Product code	IL-0348
CAS	429-06-1
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	Tetraethylammonium Tetrafluoroborate
CAS No.	429-06-1
Empirical Formula	C ₈ H ₂₀ BF ₄ N
Structure	
Molecular weight	217.06 g/mol
Purity	98%

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3 PROPERTIES

Color	Colorless to orange
Physical state (25 °C)	solid
Melting point	>300°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	0.996 g/cm ³
Viscosity	not available
Heat capacity	not available
Conductivity	not available
Electrochemical stability window	not available
Anodic limit	not available
Cathodic limit	not available

4 CO-SOLVENT MISCIBILITY

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

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5 ORDER INFORMATION

IL-0348-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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