

Technical Data Sheet

Ethyldimethylpropylammonium bis(trifluoromethylsulfonyl)imide

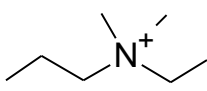
Revision Date: 6/26/2020

Date Issued: 2/8/2022

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

Product name	Ethyldimethylpropylammonium bis(trifluoromethylsulfonyl)imide
Product code	IL-0349
CAS	258273-77-7
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	Ethyldimethylpropylammonium bis(trifluoromethylsulfonyl)imide
CAS No.	258273-77-7
Empirical Formula	C ₈ H ₁₈ F ₆ N ₂ O ₆ S ₂
Structure	 $(\text{CF}_3\text{SO}_2)_2\text{N}^-$
Molecular weight	396.37 g/mol
Purity	99%

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3 PROPERTIES

Color	Colorless to orange
Physical state (25 °C)	liquid
Melting point	0°C
Glass transition temperature	not available
Decomposition temperature	not available
Density	1.2279 g/mL
Viscosity	69.0 cP
Heat capacity	not available
Conductivity	2.670 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

IL-0349-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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DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.